

Datum on benchmarks

All benchmarks with a Township name and number are on 1929 datum:.

All benchmarks with a four-digit number are on 1988 datum:

PERRY 2 Destroyed 10/14/05 TG

~~General coordinates: 3800S & 500E~~

~~Sec. 25-15-3: Indiana State Highway Comm, standard bronze disk, stamped MAR G 8, USC & GS datum, set in SE wing of 16' concrete culvert, under US 31 about 500' S of Sumner Avenue. ELEV. 725.50~~

~~ISHC 3/83 ELEV. 725.55~~

PERRY 3 Destroyed 10/14/05 TG

~~General coordinates: 3800E & 3000S~~

~~Sec. 28-15-4: TEMPORARY BENCHMARK: "A" is a cut 'x' in concrete sidewalk at entrance to "Holy Name Catholic Church", 90' S of the centerline of Troy Avenue and 60' E of the section line on Sherman Drive. ELEV. 794.51~~

~~Sec. 28-15-4: TEMPORARY BENCHMARK: "B" is a cut 'x' in concrete foundation of St. Francis Hospital, 75' N of the centerline of Troy Avenue and 100' E of section line of Sherman Drive, 12' NW of SE corner of building. ELEV. 797.03~~

PERRY 7 Destroyed 10/14/05 TG

~~General coordinates: 5000S & 3700W~~

~~Sec. 32-15-3: Indiana Flood Control and Water Resources Comm, keel mark, 100' N of Thompson Road along E levee on the NE corner of the E headwall. ELEV. 670.06~~

PERRY 11 Destroyed 10/14/05 TG

~~General coordinates: 0 E/W & 5500S~~

~~Sec. 1-14-3: USC & GS, chiseled square painted 734.3, 1945, 45' S and 45' E from the intersection of Epler Avenue & SR 135, on N end of Marathon Gas Pump Base.~~

~~ELEV. 734.29~~

PERRY 11A Destroyed 10/14/05 TG

~~General coordinates: 5500S & 1000W~~

~~Sec. 2-14-3: SE corner of Bluff Road & Epler Avenue on 2nd step from bottom on SW end of step on SW end of church. Levels run in from P 12, MCS. ELEV. 702.16~~

### PERRY 11B

General coordinates: 5500E & 1500W

Sec. 3-14-3: Chiseled square at the NW corner of a concrete sign base by Sunshine Inn at NE corner of Epler Avenue and Harding Street. Levels run in from P-12, MCS. ELEV. 684.53

### PERRY 12

General coordinates: 500E & 5500S

Sec. 1-14-3: Indiana State Highway Comm, USC & GS datum, stamped 109M 745 1945, a concrete post with tablet stamped, 100' W of US 31, 40' S of Epler Avenue and 3' E of State Highway R/W marker.

ELEV. 744.748

State Highway ELEV. 744.73

### PERRY 14

General coordinates: 1400E & 5500S

Sec. 6-14-4: USC & GS, anchor bolt within chiseled square, painted, 762.2, 1945, 30' W of PCC RR, 15' S of Epler Avenue, NE anchor bolt on base at semaphore crossing signal.

ELEV. 762.19

### PERRY 17 Destroyed 6/24/05 TG

~~General coordinates: 6500S & 1000W~~

~~Sec. 10-14-3: USC & GS BM, standard disk stamped, 726.960 A14 1930 on the Illinois Central RR overpass on Bluff Road, in SE wingwall of overpass. DESTROYED '94~~ ELEV. 726.960

### PERRY 17A Destroyed 10/14/05 TG

~~General coordinates: 6500S & 1000W~~

~~Sec. 10-14-3: At the SW corner of the intersection of Bluff Road and Banta Road, a road nail in the NE side of a power pole no #, 36" high. Run in from P 17 MCS.~~ ELEV. 699.61

### PERRY 19 Destroyed 10/14/05 TG

~~General coordinates: 7000S & 1500W~~

~~Sec. 10-14-3: USC & GS 2" brass disk, not stamped, in the center of the intersection of Southport Road and Harding Street.~~ ELEV. 686.19

### PERRY 21 Destroyed 10/14/05 TG

~~General coordinates: 3400W & 7000S~~

~~Sec. 16-14-3: USC & GS concrete post with tablet stamped, 113M 665, 1945, chiseled square painted, in the intersection of Southport Road and Tibbs Avenue, 30' SE of junction, 6' NW of IPL pole 1-750, 2' W of fence corner. ELEV. 664.97~~

PERRY 23 (See back page)

General coordinates: 2000E & 7000S

Sec. 17-14-3: Indiana Flood Control and Water Resources Comm, standard bronze disk, stamped MAR 110, 1956, about 5.95 miles W of the Town of Southport, 6 miles W along Southport Road (Union Street) from its intersection with SR 431 in Southport to the Southport concrete bridge over White River, set in the top of the E end of the S cement sidewalk of the bridge, 16' S from the centerline of the road, 10.5' W from the E end of the S sidewalk, 0.7' above the road. ELEV. 676.901

PERRY 25 Destroyed 10/14/05 TG

General coordinates: 2100W & 8000S

~~Sec. 15-14-3: USC & GS BM, a chiseled point marked with yellow paint on headwall at the intersection of Stop 11 Road and Bluff Road, stamped TBM 349, on E headwall of concrete culvert about 500' N of Stop 11 Road. ELEV. 727.321~~

PERRY 25A Destroyed 10/14/05 TG

General coordinates: 1000W & 8000S

~~Sec. 23-14-3: A boat spike 8" up in N side of PwP#75-784 at the SE corner of Stop 11 Road and Railroad Road, 14' S of the centerline of Stop 11 Road, 19' E of the centerline of Railroad Road. Run in from P-25 by MCS. ELEV. 702.17~~

PERRY 25B Destroyed 10/14/05 TG

General coordinates: 8300S & 0-E/W

~~Sec. 23-14-3: A cut square on the sidewalk at the Indiana National Bank at the SW corner of Meridian Street and Meridian School Road, 104' W of Meridian and 91' S of Meridian School Road. Run in from P-25A by MCS. ELEV. 742.07~~

PERRY 26

General coordinates: 8500S & 0-E/W

Sec. 20-14-3: USC & GS BM run in from Z-13, at the intersection of Harness ditch and Lake Road area, bolt head in SW wingwall, of Perry Township Bridge # 53, 1/4 mile N of Wicker Road. ELEV. 659.40

PERRY 27

General coordinates: 8500S & 0-E/W

Sec. 20-14-3: USC & GS BM run in from Z-13, at the intersection of Wicker Road and Orme ditch area, a bolt head in SE wingwall, top of bolt head in SE wingwall of Perry Township Bridge #55, 600' E of Lake Road. ELEV. 658.68

PERRY 31 Destroyed 10/14/05 TG

General coordinates:

~~Sec. 24-14-3: Indiana State Highway Comm, BM USC & GS datum, stamped MAR G 4 1946, a standard bronze disk set in the E wing of 12' concrete culvert 1/4 mile S of Stop II Road, originally published elevation as 751.42 ISHC reported they raised elevation to 751.45 3/83 found to be in error by MCS 5/84 during completion of "SE Maywood" bench circuit for MCS JOB#840049. Adjusted ELEV. 751.56~~

PERRY 31A

General coordinates: 500W & 8000S

Sec. 24-14-3: At the SW corner of County Line Road and Shelby Street at the NE corner of the N porch floor of the Berean Baptist Church (a two-story brick building). Run in from P 31 by MCS. New Elevation based on MCS adjusted Perry 31. ELEV. 756.39

PERRY 31B Destroyed 10/14/05 TG

General coordinates: 0 E/W & 9000S

~~Sec. 23-14-3: At the NW corner of County Line Road and Meridian Street, a cut square at the SE corner of the base of the Roselyn Bakery Co. Sign, 55' W of the centerline of Meridian Street, 75' N of the centerline of County Line Road. New elevation based on MCS adjusted P 31. ELEV. 755.65~~

PERRY 31C Destroyed 10/14/05 TG

General coordinates: 1000W & 9000S

~~Sec. 22-14-3: A bolt spike 8" up in S side of PwP no # of County Line Road and Railroad Road, 17.5' N of the centerline of County Line Road and 15' W of the centerline of Railroad Road. New elevation based on MCS adjusted P 31. ELEV. 713.3~~

PERRY 31D Destroyed 10/14/05 TG

General coordinates: 8000S & 2500E

~~Sec. 20-14-4: At the SE corner of Stop II Road and PCC RR, a railroad spike 10" up in the S side of a PwP#41-7908, 19.5' S of the centerline of Stop II Road and 190' E of E rail of railroad. Run in from ISHC BM 277 (F-69) MCS. New elevation based on MCS adjusted P31. ELEV. 787.24~~

PERRY 31E Destroyed 10/14/05 TG

~~General coordinates: 8000S & 3800E~~

~~Sec. 16-14-4: The NE corner of Stop II Road and Sherman Drive, a chiseled square in the center of the S wall of an "L" shaped headwall, 16' N of the centerline of Stop II Road, 19.5' E of the centerline of Sherman Drive. Run in from ISHC BM 277(F69) by MCS. New elevation based on MCS adjusted P31. ELEV. 799.36~~

PERRY 31F Destroyed 10/14/05 TG

~~General coordinates: 8000S & 3800E~~

~~Sec. 20-14-4: On the E hand rail of Sherman Drive bridge 0.7 miles S of Stop II Road, a chiseled triangle, 1.2' S of the N end of the hand rail, 13' E of the centerline of Sherman Drive. Run in from P 31E by MCS. New elevation based on MCS adjusted P31. ELEV. 795.40~~

PERRY 31G Destroyed 10/14/05 TG

~~General coordinates: 3800E & 9000S~~

~~Sec. 20-14-4: At the NE corner of County Line Road and Sherman Drive, a railroad spike 12" up in SW side of PwP#62-822, 50' N of the centerline of County Line Road, 50' E of the centerline of Sherman Drive. Run in from P 31E by MCS. New elevation based on MCS adjusted P 31. ELEV. 807.31~~

PERRY 31H

General coordinates: 2300E & 9000S

Sec. 20-14-4: On the NW wingwall of a County Line Road bridge, 0.2 miles E of Madison Avenue, a chiseled square 11' N of the centerline of County Line Road, 1' W of the W end of the N handrail. Run in from PEBM 31E by MCS. New elevation based on MCS adjusted P 31.

ELEV. 780.21

PERRY 36

General coordinates: 4500S & 1200E

Sec. 36-15-3: At the intersection of Markwood Avenue and SR 431, on the W flange nut of a fire hydrant in the SE corner of the intersection. Run in from P 6.

ELEV. 739.03

PERRY 41

General coordinates: 2000E & 7000S

Sec. 9-14-3: Indiana Flood Control and Water Resources Comm. standard bronze tablet stamped MAR 96 1956, about 3.9 miles W of the Town of Southport, 3.85 miles W along Southport Road (Union Street) from its intersection with SR 431 in Southport to the intersection of S. Belmont Avenue, N to the S Belmont Avenue concrete arch bridge over Little Buck Creek, set in the top of the S end of the W cement guardrail, 13' W from the centerline of the road, 5.1' N from the S end of the W guardrail, 3.7' above the road.

ELEV. 688.264

PERRY 42 Destroyed 6/24/05 TG

General coordinates: 7000S & 1500W

Sec. 10-14-3: Indiana Flood Control and Water Resources Comm, standard bronze tablet stamped MAR 97-1956, about 3.2 miles W of the Town of Southport, 3.30 miles W along Southport Road (Union Street) from its intersection with SR 431 in Southport to the crossing of Harding Street; thence 0.15 miles N along Harding Street to the Harding Street concrete bridge over Little Buck Creek, set in the top of S end of the W cement guardrail, 14' W from the centerline of the road, 7' N from the S end of the W guardrail and 3' above the ground.

---

ELEV. 687.735

PERRY 42A

General coordinates: 7000S & 450W

Sec. 14-14-3: A chiseled square on W gate entry at the SW corner of McLain Drive and Southport Road. Levels run in from P 42 by MCS.

ELEV. 720.33

PERRY 44 Destroyed 6/24/05 TG

General coordinates: 1000W & 6800S

Sec. 10-14-3: A painted chiseled triangle, about 2.8 miles W of the Town of Southport, 2.95 miles W along Southport Road (Union Street) from its intersection with SR 431 in Southport to the crossing of the Illinois Central RR; thence 0.25 miles N along the RR to the Illinois Central RR bridge # X7-2 over Little Buck Creek, set in the top of the NW end of the NE abutment, 8' below the rails, 5.5' NW of the NW rail, 1' NE of the SW face of the NE abutment.

---

ELEV. 689.985

PERRY 50

General coordinates: 1100E & 6000S

Sec. 1-14-3: Indiana Flood Control and Water Resources Comm, standard bronze tablet stamped MAR 101, reset 1960, about 0.8 miles SW of Edgewood, 0.55 miles SE along SR 431 from its intersection with Epler Avenue in Edgewood to the intersection of Stop 8 Road; thence 0.7 miles W along Stop 8 road to the Stop 8 bridge over Little Buck Creek (about 0.2 miles E of US 31) set in the top at the E end of the N concrete sidewalk of the bridge, 14' N of the centerline of the road, 0.9' above the road, 0.9' W of the E end of the N sidewalk.

ELEV. 729.840

PERRY 54

General coordinates: 2300E & 7000S

Sec. 18-14-4: A painted chiseled square, TBM-LBC-18, about 0.45 miles W of the Town of Southport, 0.45 miles W along Southport Road (Union Street) from its intersection with SR 431 in Southport to the

Southport 80' concrete bridge over Little Buck Creek set in the top at the W end of the S concrete sidewalk, 18' S from the centerline of the road, 3.5' S from the N edge of the S sidewalk, 0.8' above the road, 0.3' N from the bottom of the NW corner of the S guardrail.

ELEV. 744.065

#### PERRY 56

General coordinates: 2300E & 7000S

Sec. 18-14-4: A painted chiseled cross, TBM A, in Marion County, about 0.25 miles W along Southport Road (Union Street) from its intersection with SR 431, in Southport to the Southport Road 100' concrete bridge over Little Buck Creek, set in the top near the E end of the S concrete sidewalk of the bridge, 17.5' S of the centerline of the road, 4.3' E of the face of the S concrete guardrail, 0.8' feet above the roadway, 0.4' N of the S face of the S concrete sidewalk.

ELEV. 751.21

#### PERRY 56A

General coordinates: 2300E & 7000S

Sec. 18-14-4: A painted chiseled cross TBM-B, about 0.25 miles W of Southport, 0.25 miles W along Southport Road (Union Street) from its intersection with SR 431 in Southport Road to the Southport Road 100' concrete bridge over Little Buck Creek, set in the top near the E end of the N sidewalk of the bridge, 25.8' W of the E face of the N concrete guardrail, 14.5' N of the centerline of the road, 0.8' above the roadway, 0.3' N of the S face of the N concrete curbing.

ELEV. 751.144

#### PERRY 56B

General coordinates: 2300E & 7000S

Sec. 18-14-4: A painted chiseled cross TBM -C, about 0.25 miles W of Southport, 0.25 miles W along Southport Road (Union Street) from its intersection with SR 431 in Southport, to the Southport 100' concrete bridge over Little Buck Creek, set in the top near the E end of the N concrete sidewalk of the bridge, 17.5' E of the E face of the N concrete guardrail 0.8' above the roadway, 0.25' W of the E face of the N concrete sidewalk, 0.25' S of the N face of the N concrete sidewalk.

ELEV. 750.907

#### PERRY 56C

General coordinates: 7500S & 2300E

Sec. 7-14-4: A painted chiseled square TBM-LBC-19, about 0.25 miles W of Southport, 0.25 miles W along Southport Road (Union Street) from its intersection with SR 431 in Southport, to the Southport 100' concrete bridge over Little Buck Creek, set in the top of the S concrete sidewalk at the bottom corner at the W face of the S quadrangle, 18' S from the centerline of the road, 0.8' above the road. ELEV. 751.404

#### PERRY 59

General coordinates: 1100E & 7000S

Sec. 12-14-3: A railroad spike driven vertically through a brass plate stamped TBM LBC 11, 1956, about 0.7 miles NE of Southport, 0.75 miles E along Southport Road (Union Street) from its intersection with SR 431 in Southport to a T-road N; thence 0.1 mile N along the narrow gravel road to a wooden bridge over Little Buck Creek, set in the NW side of a 36" Willow tree at the SE corner of the bridge, 27' NE from a power pole # 77E-760, 6' E from the centerline of the road, 4' S from the S end of the bridge, 0.7' above the ground. ELEV. 760.358

#### PERRY 60

General coordinates: 7000S & 2700E

Sec. 8-14-4: A painted chiseled square stamped TBM-LBC-10, 1959, about 0.9 miles E of Southport, 0.9 miles E along Southport Road (Union Street) from its intersection with SR 431 in Southport to the intersection of McFarland Road; thence 0.05 miles N to the McFarland Road concrete bridge over Little Buck Creek, set in the top of the S end of the E cement guardrail, 13' E from the centerline of the road, 2.8' above the road, 1.1' N from the S end of the E cement guardrail.

ELEV. 767.916

#### PERRY 61 Destroyed 6/24/05 TG

~~General coordinates: 7000S & 2700E~~

~~Sec. 8-14-4: Indiana Flood Control and Water Resources Comm, standard bronze tablet stamped MAR 106 1956, about 0.9 miles E of Southport, 0.9 miles E along Southport Road (Union Street) from its intersection with SR 431 in Southport to the intersection of McFarland road; thence 0.05 miles N to the McFarland Road concrete bridge over Little Buck Creek, set in the top of the N end of the E cement guardrail, 13' E from the centerline of the road, 9.3' from the N end of the E cement guardrail 2.8' above the road.~~

~~ELEV. 767.976~~

#### PERRY 62 Destroyed 6/24/05 TG

~~General coordinates: 3800E & 7000s~~

~~Sec. 16-14-4: Indiana Flood Control and Water Resources Comm. standard bronze tablet stamped MAR 107, 1956, about 1.4 miles E of Southport, 1.4 miles E along Southport Road (Union Street) from its intersection with SR 431 in Southport to the stone arch bridge over Little Buck Creek set in the top of the E end of the S stone guardrail of the bridge, 15' S from the centerline of the road, 10' W from the E end of the S stone guardrail, 3.1' above the road.~~

~~ELEV. 779.432~~

#### PERRY 63

General coordinates: 7200S & 2600E

Sec. 16-14-4: A painted chiseled cross stamped TBM-LBC-14 1959, about 1.4 miles E of Southport, 1/4 miles E along Southport Road (Union Street) from its intersection with SR 431 in Southport to the stone



arch bridge over Little Buck Creek set in the top of the E end of the N stone guardrail of the bridge, 15' N from the centerline of the road, 13.2' W from the E end of the N stone guardrail, 3.1' above the road.  
ELEV. 779.428

#### PERRY 64

General coordiantes: 7200S & 2600E

Sec. 16-14-4: Indiana Flood Control and Water Resources Comm. standard bronze tablet stamped MAR 108 1956, about 1.75 miles E of Southport, 1.75 miles E along Southport Road ( Union Street) from its intersection with SR 431 to the two-span concrete bridge over Little Buck Creek, set in the top of the E end of the S cement sidewalk of the bridge, 16' S from the centerline of the road, 2.6' W from the E end of the S sidewalk 0.5' above the road.

ELEV. 782.990

#### PERRY 66 Destroyed 10/26/09 TG

~~General coordinates: 5000S & 900W~~

~~Sec. 2-14-3: A painted chiseled triangle, about 3.1 miles NW of Southport, 2.05 miles NW along SR 431 from its intersection with Southport Road in Southport to Thompson Road; thence 2.0 miles generally W along Thompson Road to Bluff Road, in the SE 1/4 of the intersection at the NE corner of a 10' pipe culvert over Hauseisen ditch on SR 37, set in the top at the N end of the E headwall of the culvert, 23' E of the centerline of SR 37, 21' S of the centerline of Thompson Road, 0.75' S of the N end of the E headwall, 0.3' above the road.~~

~~ELEV. 697.984~~

#### PERRY 67

General coordinates: 6000S & 1400E

Sec. 35-15-3: Indiana Flood Control and Water Resources Comm, standard bronze tablet stamped MAR 155 1960, about 2.5 miles NW of Edgewood, 1.5 miles NW along SR 431 from its intersection with Epler Avenue in Edgewood Avenue to Hanna Avenue; thence 1.5 miles W along Hanna Avenue to SR 37 (Bluff Road); thence 0.16 miles S along SR 37 to a 60' concrete bridge over Lick Creek, set at the apex of the NE wingwall of the bridge, 18' E of the centerline of SR 37, 0.7' S of the N side of the NE wingwall, 0.6' above the road.

ELEV. 695.825

#### PERRY 68

General coordinates: 3000S & 900W

Sec. 26-15-3: Indiana Flood Control and Water Resources Comm, standard bronze tablet stamped MAR 154 1960, about 3 miles NW of Edgewood, 0.2 miles NW along SR 431 (Madison Avenue) from its intersection with US 31 to Troy Avenue; thence 0.95 miles W along Troy Avenue to SR 37 (Bluff Road); thence 0.22 miles S along SR 37 to a 13' concrete culvert over Highland Creek, in the NW corner of the

culvert, set in the top of the W headwall, 23' W of the centerline of SR 37, 0.85' S of the N end of the W headwall, 0.2' above the road.

ELEV. 682.059

#### PERRY 69

General coordinates: 3100S & 500E

Sec. 25-15-3: The top nut of a fire hydrant at the NE corner of Bacon Street and SR 431.  
ELEV. 727.98

#### PERRY 70

General coordinates: 7000S & 2100E

Sec. 7-14-4: Indiana State Highway Comm, standard tablet not stamped, MAR G-98, at the intersection of Southport and SR 431, 3 span concrete bridge over Little Buck Creek, set in the top of the S end of the W concrete sidewalk of the bridge, 16' W of the centerline of the highway, 0.8' above the roadway, 0.4' N of the S face of the W concrete guardrail, 0.2' E of the E face of the W guardrail. (Madison & Southport)

ELEV. 753.021

ISHC 3/83 ELEV. 753.040

#### PERRY 71 Destroyed 6/24/05 TG

~~General coordinates: 5100E & 4500S~~

~~Sec. 33-15-4: Indiana State Highway Comm, standard bronze disk, stamped MAR G-109, on the N end of the E sidewalk of Emerson Avenue bridge over I-465.~~

~~ELEV. 839.56~~

#### PERRY 72

General coordinates: 4000E & 4500S

Sec. 33-15-4: Indiana State Highway Comm, standard bronze disk, stamped MAR G-110, in the pavement in the bridge floor at the NW corner of the bridge in the E bound lane of I-465 at the I-465 bridge over 9th Avenue.

ELEV. 803.32

#### PERRY 72A Destroyed 6/24/05 TG

~~General coordinates: 4000E & 4500S~~

~~Sec. 28-15-4: at the NW corner of 9th Avenue and Byland Avenue, a chiseled square at the SE corner of a concrete wall, 25.5' N of the centerline of Byland and 40' W of the centerline of 9th Avenue. Run in from P 72 MCS.~~

~~ELEV. 806.67~~

#### PERRY 73

General coordinates: 2000E & 7000S

Sec. 7-14-4: USC & GS BM at the NW corner of Southport Road and Madison Avenue, top of the SW corner of W concrete curbing of shopping center driveway bridge over Little Buck Creek, N of Southport Road.

ELEV. 753.97

#### PERRY 74

General coordinates: 6000S & 800E

Sec. 13-14-3: USC & GS BM, on a N bonnet nut of fire hydrant on E side of Camden Street 100' +/- S of Stop 8 Road.

ELEV. 722.78

#### PERRY 75 Destroyed 6/24/05 TG

~~General coordinates: 500E & 6800S~~

~~Sec. 12-14-3: Indiana Flood Control and Water Resources Comm, standard bronze disk, stamped MAR 102, 1956, in the NE corner of the headwall at the SW corner of the intersection of US 31 and Tulip Drive East.~~

~~ELEV. 738.29~~

#### PERRY 76 Destroyed 6/24/05 TG

~~General coordinates: 7031S & 500E~~

~~Sec. 13-14-3: Indiana Flood Control and Water Resources Comm, standard bronze disk, stamped MAR 102, 1956, in the NE corner of a headwall at the S property line of St. John's United Church of Christ and the E side of 7031 S. East Street.~~

~~ELEV. 749.86~~

#### PERRY 77 Destroyed 6/24/05 TG

~~General coordinates: 7225 S & 500E~~

~~Sec. 13-14-3: Indiana Flood Control and Water Resources Comm, standard bronze disk, stamped MAR 102, 1956, in the NW corner of a headwall at N side of S. Drive to house #7225 S. East Street.~~

~~ELEV. 752.91~~

#### PERRY 78

General coordinates: 7000S & 4800E

Sec. 16-14-4: Indiana State Highway Comm, BM MAR G-275, standard bronze disk, stamped, at the SW corner of Southport Road bridge over I-65.

ELEV. 818.39

#### PERRY 79

General coordinates: 6800S & 4100E

Sec. 9-14-4: Indiana State Highway Comm, BM MAR G-274, standard bronze disk, stamped, at the SW

corner of the N bound lane of I-65 bridge over Little Buck Creek.

ELEV. 788.49

PERRY 80

General coordinates: 4000E & 6500S

Sec. 9-14-4: Indiana State Highway Comm, BM MAR G-273, standard bronze disk, stamped, at the NW corner of Gray Road bridge over I-65.

ELEV. 833.62

PERRY 81

General coordinates: 6000S & 4000E

Sec. 5-14-4: Indiana State Highway Comm, BM MAR G-272, standard bronze disk, stamped, at the NW corner of Edgewood Avenue bridge over I-65.

ELEV. 829.00

PERRY 82 Destroyed 10/14/05 TG

~~General coordinates: 5000S & 3600E~~

~~Sec. 5-14-4: Indiana State Highway Comm, BM MAR G-271, standard bronze disk, stamped, in the SW corner of Thompson Road bridge over I-65.~~

~~ELEV. 798.62~~

PERRY 83

General coordinates: 4100S & 3600E

Sec. 32-15-4: Indiana State Highway Comm, BM MAR G-124, standard bronze disk, stamped, in the SW corner of the S bound lane of I-65 bridge over W bound I-465.

ELEV. 774.06

PERRY 84

General coordinates: 4100S & 3600E

Sec. 32-15-4: Indiana State Highway Comm, BM MAR G-143, standard bronze disk, stamped, in the SW corner of the S bound lane of I-65 bridge over Lick Creek.

ELEV. 761.73

PERRY 85 Destroyed 6/24/05 TG

~~General coordinates: 4000S & 3600E~~

~~Sec. 29-15-4: Indiana State Highway Comm, BM MAR G-144, standard bronze disk, stamped, in the NW corner of Hanna Avenue bridge over I-65.~~

~~ELEV. 771.50~~

PERRY 86 Destroyed 6/24/05 TG

~~General coordinates: 3200S & 2300E~~

~~Sec. 29-15-4: Indiana State Highway Comm, BM MAR G-145, standard bronze disk, stamped, in the SE corner of the S bound lane of I-65 bridge over Keystone Avenue. ELEV. 784.56~~

PERRY 87 Destroyed 6/24/05 TG

~~General coordinates: 4300S & 5100E~~

~~Sec. 34-15-3: Indiana State Highway Comm, BM MAR G-109, standard bronze disk, stamped, in the NE corner of Emerson Avenue bridge over I-465 in the N end of the E sidewalk. ELEV. 839.56~~

PERRY 88

General coordinates: 4200S & 3600E

Sec. 32-15-4; Indiana State Highway Comm, BM MAR G-120, standard bronze disk, stamped, in the NE corner of I-465 off ramp bridge over I-465 W bound to I-465 E bound, 0.4 miles E of US 31 on I-465 in the top of E end of NW wing of E bound lane bridge on I-465 over Lick Creek.

ELEV. 724.83

PERRY 89 Destroyed 6/24/05 TG

~~General coordinates: 4300S & 3600E~~

~~Sec. 32-15-4: Indiana State Highway Comm, BM MAR G-121, standard bronze disk, stamped, in the NE corner of the Keystone Avenue bridge over I-465. ELEV. 771.63~~

PERRY 90

General coordinates: 4300S & 3600E

Sec. 31-15-4: Indiana State Highway Comm, BM MAR G-122, standard bronze disk, stamped, in the NW corner of the W bound lane of I-465 bridge over Lick Creek 0.3 miles W of Keystone Avenue.

ELEV. 738.20

PERRY 91

General coordinates: 1100E & 4800S

Sec. 31-15-4: Indiana State Highway Comm., BM MAR G-104, standard bronze disk, stamped, in the NE corner of Madison Avenue bridge over I-465. ELEV. 741.10

PERRY 92

General coordinates: 8000S & 2100W

Sec. 21-14-3: Indiana State Highway Comm. BM MAR G-265, standard bronze disk, stamped, in the SW corner of the S bound (New) SR 37 bridge over Pleasant Run Creek.

ELEV. 674.79

PERRY 93

General coordinates: 8000S & 2100W

Sec. 21-14-3: Indiana State Highway Comm, BM MAR G-42, standard bronze disk, stamped, in the SW corner of Old SR 37 over Pleasant Run Creek, about 100' E of New SR 37.

ELEV. 674.34

PERRY 94    Destroyed 6/24/05    TG

~~General coordinates: 5000S & 1500W~~

~~Sec. 34-15-3: Indiana State Highway Comm, BM MAR G-103, standard bronze disk, stamped, in the NW corner of the W bound lane of I-465 bridge over New SR 37.~~

~~ELEV. 701.10~~

PERRY 95    Destroyed 6/24/05    TG

~~General Coordinates: 1000W & 4800S~~

~~Sec. 34-15-3: Indiana State Highway Comm, BM MAR G-112, standard bronze disk, stamped, in the NW corner of the W bound lane of I-465 bridge over Illinois Central Railroad tracks 1/2 mile E of Harding Street.~~

~~ELEV. 719.05~~

PERRY 96

General coordinates: 4800S & 500E

Sec. 36-15-3: Indiana State Highway Comm, BM MAR G-117, standard bronze disk, stamped, in the NE corner of E bound lane of I-465 on ramp over W bound I-465.

ELEV. 733.28

PERRY 97

General coordinates: 200E & 4500S

Sec. 36-15-3: Indiana State Highway Comm, BM MAR G-115, standard bronze disk, stamped, in the NW corner of the W bound lane of I-465 bridge over Lick Creek 1000' E of Meridian Street at Southern Plaza.

ELEV. 716.19

PERRY 98

General coordinates: 4800S & 200E

Sec. 36-15-3: Indiana State Highway Comm, BM MAR G-119, standard bronze disk, stamped in the SW corner of the W bound lane of I-465 on ramp bridge over E bound lane of I-465 and Lick Creek at US 31.

ELEV. 737.16

PERRY 99

General coordinates: 5100E & 4200S

Sec. 33-15-4: Indiana State Highway Comm, BM MAR G-275, standard bronze disk, stamped, in the SW wing of Emerson Avenue bridge over I-465, 3.4 miles S of I-465 and 0.5 miles S of Southport Road.

ELEV. 847.97

#### PERRY 100

General coordinates: 4800S & 800W

Sec. 35-15-3: Indiana State Highway Comm, BM MAR G-113, standard bronze disk, stamped, in the W end of the NW wing of the west bound lane bridge on I-465 over Bluff Road, 1.3 miles W of US 31.

ELEV. 721.63

#### PERRY 101

General coordinates: 0 E/W & 4800S

Sec. 35-15-3: Indiana State Highway Comm, BM MAR G-116, standard bronze disk stamped, in the S end of the W sidewalk of SR 135 bridge over Lick Creek, 0.7 miles N of Thompson Road.

ELEV. 706.87

#### PERRY 102

General coordinates: 7000S & 2000E

Sec. 7-14-4: Indiana Flood Control and Water Resources Comm, standard bronze tablet stamped MAR 105, 1956, at Southport Road on Penn Central bridge over Little Buck Creek, set in the top of the SW end of the SE abutment, 8' SW from the SW rail, 2.7' below rail, 0.8' SE of NW face of the SE abutment.

ELEV. 757.065

#### PERRY 103

General coordinates: 4200S & 3600E

Sec. 32-15-4: Indiana Department of Highways, standard bronze disk, stamped MAR G-114, set at the W end of the NW wing of W bound lane bridge on I-465 over I-65.

ELEV. 725.50

#### PERRY 103A Destroyed 6/24/05 TG

~~General coordinates: 1240W & 4000S~~

~~Sec. 10-14-3: MCS "SE Maywood" bench circuit, 5/84 Job#840049, run in from P-42, set in the top of the NW corner of a concrete front porch located at the SW corner of an aluminum frame house at 1240 W. Hanna Avenue.~~

~~ELEV. 694.74~~

#### PERRY 104 Destroyed 6/24/05 TG

~~General coordinates: 6005S & 900W~~

~~Sec. 10-14-3: MCS "SE Maywood" bench circuit, 5/84 Job#840049, run in from P-17, set in the top~~

of the SW corner of a concrete porch located on the N side of 6005 Bluff Road.

ELEV. 704.19

PERRY 105 Destroyed 6/24/05 TG

General coordinates: 359 E & 6000S

Sec. 12-14-3: MCS "SE Maywood" bench circuit, 5/84 Job#840049, run in from P-17, set in the SW corner of a concrete parking area at 359 E. Edgewood Avenue, 8' W and 22' S of the NW corner existing garage.

ELEV. 711.17

PERRY 106

General coordinates: 6000S & 0 E/W

Sec. 12-14-3: Indiana State Highway Comm, BM MAR G-204, standard bronze disk, stamped, based on USC & GS datum, set in the top of the most S end of the SW wingwall of a bridge on SR 135 over Little Buck Creek, 0.10 miles N of Stop 8 Road (Edgewood Avenue).

ELEV. 719.22

PERRY 107 Destroyed 6/24/05 TG

General coordinates: 220E & 6000S

Sec. 12-14-3 MCS "SE Maywood" bench circuit, 5/84 Job#840049, run in from P-106, a chiseled square near the NE corner of the headwall 18' N of the centerline of the pavement between 220 and 310 E. Edgewood Avenue.

ELEV. 726.81

PERRY 108 Destroyed 6/24/05 TG

General coordinates: 6000S & 1100E

Sec. 7-14-4: MCS "SE Maywood" bench circuit, 5/84 Job#840049, run in from P-50, set at the bottom of the N side of the first concrete step 21' E of the centerline of Shelby Street and 50' +/- N of the centerline of E. Edgewood Avenue.

ELEV. 737.45

PERRY 109

General coordinates: 6140 S & 1100E

Sec. 7-14-4: MCS "SE Maywood, bench circuit, 5/84 Job#840049, run in from P-50, set in the most northerly bonnet nut of a fire hydrant at the SW corner of Shelby Street and Beechwood Drive (6140 S. Shelby Street).

ELEV. 764.48

PERRY 110 Destroyed 6/24/05 TG

General coordinates: 1100E & 6600S



~~Sec. 7-14-4: MCS "SE Maywood" bench circuit, 5/84 Job#840049, run in from P-50, a chiseled square on the E end of a concrete headwall 16' E of the centerline of S. Shelby Street and 18' S of the centerline of Loretta Drive.~~  
ELEV. 758.73

PERRY 111 Destroyed 6/24/05 TG

~~General coordinates: 7000S & 1100E~~

~~Sec. 18-14-4: MCS "SE Maywood" bench circuit, 5/84 Job#840049, run in from P-50, a chiseled square at the NE end of the concrete walk on the bridge, 400' +/- N of Southport Road and Shelby Street.~~  
ELEV. 746.70

PERRY 112

General coordinates: 1100E & 7250S

Sec. 18-14-4: MCS "SE Maywood" bench circuit, 5/84, Job#840049, run in from P-50, the most northerly bonnet nut of a fire hydrant at the NE corner of the intersection of S. Shelby Street and Grube Street.

ELEV. 753.60

PERRY 113 Destroyed 6/24/05 TG

~~General coordinates: 1100E & 8000S~~

~~Sec. 19-14-4: MCS "SE Maywood" bench circuit, 5/84, Job#840049, run in from P-50, the most northerly bonnet nut of a fire hydrant, said hydrant being 250' S of Stop 11 Road and 17' W of S. Shelby Street.~~

ELEV. 755.52

PERRY 114

General coordinates: 8175S & 1025E

Sec. 19-14-4: MCS "SE Maywood" bench circuit, 5/84, Job#840049, run in from P-50, the upper most NW flange nut on a fire hydrant located on the SW corner of the intersection of Shiloh Court and Front Royal Drive.

ELEV. 749.61

PERRY 115

General coordinates: 8175S & 1025E

Sec. 23-14-3: MCS "SE Maywood" bench circuit, 5/84, Job#840049, run in from P-50, the upper most northerly flange nut on a fire hydrant at the SE corner of the intersection of Front Royal Court and Front Royal Drive.

ELEV. 743.38

PERRY 116

General coordinates: 130E & 8300S

Sec. 24-14-3: MCS "SE Maywood" bench circuit, 5/84, Job#840049, run in from P-50, N bonnet nut of fire hydrant at the NE corner of the intersection of S. Talbot Avenue and E. Hill Valley Drive.

ELEV. 737.81

PERRY 117

General coordinates: 0-E/W & 8300S

Sec. 24-14-3: MCS "SE Maywood" bench circuit, 5/84, Job#840049, run in from P-50, top NE corner of the N end of a concrete headwall for the N end of a 4' by 5' CMP under Hill Valley Drive and 150' +/- W of Meridian Street.

ELEV. 729.89

PERRY 119

General coordinates: 950W & 8300S

Sec. 23-14-3: MCS "SE Maywood" bench circuit, 5/84, Job#840049, run in from P-50, SW corner of a concrete parking area at 950 W. Mellow Wood Drive and Railroad Road, located 60' N and 40' W of pavement centerlines.

ELEV. 710.57

PERRY 120

General coordinates: 8000S & W1000

Sec. 23-14-3: MCS "SE Maywood" bench circuit, 5/84, Job#840049, run in from P-50, a chiseled square in the top of the SE corner of a concrete base for a railroad signal box located 26' N of Stop II Road and 52' W of the centerline of Railroad Road.

ELEV. 701.28

PERRY 121

General coordinates: 7000S & 800W

Sec. 15-14-3: MCS "SE Maywood" bench circuit, 5/84, Job#840049, run in from P-50, a PK nail in the SE face of a support pole for an overhead traffic light at the NE corner of the intersection of Bluff Road and Southport Road approximately 1' up.

ELEV. 691.05

PERRY 122

General coordinates: 800E & 6000S

Sec. 12-14-3: Indiana State Highway Comm, standard bronze tablet, stamped MAR G-203, based on USC & GS datum, set in the W end of the N sidewalk of a bridge on Stop 8 Road (Edgewood Avenue) over Little Buck Creek, 1.0' E of the W end of the bridge.

ELEV. 730.68

PERRY 5001

08-13-99 A new elevation of 206.248meters was established on this monument. This new Meter elevation is

based on the NGS benchmark G-64 and is in NAVD'88 Datum.

08-13-99 an error was found in the transferring of the elevation. The error was that the starting elevation was transposed therefore a 91 foot difference occurred. The starting elevation of 767.901 was used instead of the correct elevation of 676.901. this was found by leveling across them to establish NGS datum instead of Indiana Flood Control. The following elevations show what was first published and the corrected on as 8-13-99.

THIS LEVEL RUN WAS MADE BY THE FOLLOWING WHITESIDE, WILCOXEN, & GLASS ON 11-13-98 THIS RUN WAS DONE TO RE-ESTABLISH THE INDIANA FLOOD CONTROL P-23. THE ELEVATION OF P-23 WAS TRANSFERRED TO A TBM PRIOR TO THE REMOVAL OF THE BRIDGE THIS LOOP WAS RUN FROM THE TBM TO NEW MARKS SET BY COUNTY SURVEYOR'S OFFICE THE NEW MARKS ARE 5001,2006. THIS LOOP HAD A MISCLOSURE OF 0.004 FT.

TBM#1 CUT SQUARE ON SEWER OUTFLOW HEADWALL ON THE West Side OF THE SOUTHPORT WASTE WATER TREATMENT PLANT ON SOUTHPORT ROAD  
TBM ELEVATION OF 763.951 FT.  
TBM ELEVATION OF 672.951 FT 08-13-99(Corrected) '29 datum

5001 General coordinates: 4200W & 7000S, Sec.18-14-03, MAYWOOD  
QUAD: MARION COUNTY BENCHMARK BRASS DISK STAMPED 5001. On the Southport Road Bridge over White River. The disk is set in the Top of the East End of the southeast curb of the bridge.  
+/- 151 feet west of the north west corner of section 17,  
Township 14 range 3 East. +/- 15.8 feet west of the southeast end of bridge handrail, +/- 15.8 feet south of the centerline of Southport Rd., +/- 49 feet east of the east most support column and +/- 0.7 feet above the bridge deck.  
INDIANA FLOOD CONTROL DATUM      Elevation 767.977 feet(ERRONEOUS)  
Elevation 676.977 feet 08-13-99

(Corrected) '29 datum  
NGS DATUM RAN AUGUST, 1999 FROM NGS G-64      ELEVATION 206.248  
METERS  
NAV'D '88

BENCHMARK NUMBER: 5002  
General coordinates: 7000S 3800W

PERRY TOWNSHIP  
MAYWOOD QUAD  
Section 8 Township 14 Range 3 Southeast Quarter

BENCHMARK IS: IMAGIS DISK # 51

Located at the entrance to the wastewater treatment plant on Southport road. +/-180ft East of Lake road. On the west side of the asphalt drive to plant. 49.8 ft southwest of the west gate corner post. 36.6 ft west of the face of light pole base. 10-ft northeast of the northeast corner of concrete slab for telephone box.

Date: AUGUST 1999 B.M. Circuit was run from MSCO 5001 /NGS G-64

PERRY TOWNSHIP LOOP # 2

Loop error of +0.0157 meter was pro-rated among 148 turns.

IMAGIS ELEVATION 201.346 (INDIANA FLOOD CONTROL DATUM)

NAVD '88

ELEVATION 201.260

METERS

5003

BENCHMARK NUMBER: 5003

General coordinates: 7000S 3400W

PERRY TOWNSHIP

MAYWOOD QUAD

Section 16 Township 4 Range 3 Northwest Quarter

BENCHMARK IS: BOAT SPIKE

Set in the north face of power pole no #. Pole is 32 ft east of the extended centerline of Tibbs Av. 64ft. south of the centerline of Southport Rd. . Spike is 0.11ft. Above the ground and 0.12ft out from pole face. A MAG nail with MCSO brass washer set below spike.

Date: August 1999 Circuit was run from MCSO 5001 / NGS G-64

PERRY TOWNSHIP LOOP #2

Loop error of +0.0157 meter was pro-rated among 148 turns

NAVD '88

ELEVATION 203.635 METERS

5004

BENCHMARK NUMBER: 5004

General coordinates: 7000 S 2600 W

PERRY TOWNSHIP

MAYWOOD QUAD

Section 16 Township 14 Range 3 Northeast Quarter

BENCHMARK IS: RAILROAD SPIKE

Railroad spike set in the north face of power pole # 39-751. Pole is 28ft south of the centerline of Southport Road. 16ft east of a Harrison marking the north quarter corner of section. Spike is 2ft. up and 0.2 ft out from face of pole. PK nail set below spike

Date: August 1999 Circuit was run from MCSO 5001 / NGS G-64

PERRY TOWNSHIP LOOP #2

Loop error of +0.0157 meter was pro-rated among 148 turns.

NAVD '88

ELEVATION 204.937 METERS

5005

BENCHMARK NUMBER: 5005

General coordinates: 7000 S 2100W

PERRY TOWNSHIP

MAYWOOD QUAD

Section 10 Township 14 Range 3 Northwest Quarter

BENCHMARK IS: Bolt of Traffic Signal Pole

Northwest bolt of the traffic signal pole base in the southeast quadrant of the intersection of Southport Road and SR 37. Bolt stamped MCSO TBM 5005. Pole is 47 ft south of the centerline Southport Road and 27 ft east of the east edge of pavement of the turn lane for north bound SR 37

Date: August 1999 was run from MCSO 5001 / NGS G-64

PERRY TOWNSHIP LOOP #2

Loop error of +0.0157 meter was pro-rated among 148 turns.

NAVD '88

ELEVATION 207.345 METERS

5006

BENCHMARK NUMBER: 5006

General coordinates: 7850S 2300W

PERRY TOWNSHIP

MAYWOOD QUAD

Section 16 Township 14 Range 3 Southeast Quarter

BENCHMARK IS: MCSO BENCHMARK DISK

MCSO disk stamped 5006. Set in the top of the Belmont St. Bridge over Orme Ditch. Set in the top end of the west headwall. Set 15ft west of the centerline of Belmont, St. 27-ft southeast of the 1998-bridge plaque. About level with road surface.

Date: August 1999 Circuit was run from MCSO 5001 / NGS G-64

PERRY TOWNSHIP LOOP #2

Loop error of +0.0157 meter was pro-rated among 148 turns.

NAVD '88

ELEVATION 206.545 METERS

5007

BENCHMARK NUMBER: 5007

General coordinates: 8600 S 2200W

PERRY TOWNSHIP

MAYWOOD QUAD

Section 21 Township 14 Range 3 Northeast Quarter

BENCHMARK IS: STATE HIGHWAY BENCHMARK DISK STAMPED MAR G-42

This benchmark is also PERRY-93SW corner of Old SR 37 over Pleasant Run Creek. about 100' E of

New SR 37. 41ft south of the approx. centerline of the creek. 21ft west of the centerline of Bluff Road (Old SR 37) 3.7ft north of the south end of the handrail. 0.2ft west of the handrail. 0.8ft above bridge deck.

Indiana State Highway Department Elevation 674.34 feet( approximately 205.539meters)

Date: August 1999 Circuit was run from MCSO 5001 / NGS G-64

PERRY TOWNSHIP LOOP #2

Loop error of +0.0157 meter was pro-rated among 148 turns.

NAVD '88

ELEVATION 205.441 METERS

5008

BENCHMARK NUMBER: 5008

See also Perry-27

General coordinates: 8500S 3440W

PERRY TOWNSHIP

MAYWOOD QUAD

Section 20 Township 14 Range 3 Southeast Quarter

BENCHMARK IS: ROUND HEAD BOLT

Bolt found in the southeast wing wall of the Wicker Road bridge over Orme ditch.  
15ft south of the centerline of Wicker Rd. +\ 50 feet east of the drive to 3440 Wicker Rd.

Previous ELEV. 658.68feet (approximately 200.766 m.)

Date: August 1999 Circuit was run from MCSO 5001 / NGS G-64

PERRY TOWNSHIP LOOP #2

Loop error of +0.0157 meter was pro-rated among 148 turns.

NAVD '88

ELEVATION 200.685 METERS

5009

BENCHMARK NUMBER: 5009

See also Perry -26

General coordinates: 8225 S 3600 W

PERRY TOWNSHIP

MAYWOOD QUAD

Section 20 Township 14 Range 3 Northeast Quarter

BENCHMARK IS: ROUND HEAD BOLT

Round Head Bolt found at the Lake Road bridge over Harness Ditch.

Bolt head in SW wingwall, of Perry Township Bridge # 53,  
1/4 mile N of Wicker Road. Bolt is 13ft south of the centerline of Lake Rd. 19ft west of the east handrail.

Previous Elev. 659.40 feet (approximately 200.896 meters)

Date: August 1999 Circuit was run from MCSO 5001 / NGS G-64

PERRY TOWNSHIP LOOP #2

Loop error of +0.0157 meter was pro-rated among 148 turns.

NAVD '88

ELEVATION 200.899 METERS

5010

BENCHMARK NUMBER: 5010

General coordinates: 8500 S & 2800 W  
PERRY TOWNSHIP  
MAYWOOD QUAD  
Section 21 Township 14 Range 3 Southeast Quarter

BENCHMARK IS: RAILROAD SPIKE

Description of benchmark location:

A railroad spike set in the south side of a power pole #3-810 on the south side of Wicker Road approx. 0.25 mile west of S.R. 37. 14 ft. south of the centerline Wicker Road, 83 ft. east of the center of asphalt drive for #2920 Wicker Road. 1 ft. up, 0.20 ft. out, about level with the road with a mag nail with MCSO washer set above it.

Date: AUGUST 1999: B.M. Circuit was run from MCSO 5001 / NGS G-64  
PERRY TOWNSHIP LOOP #2  
Loop error of +0.0157 meter was pro-rated among 148 turns.

NAVD '88  
ELEVATION 202.472 METERS

5012  
BENCHMARK NUMBER: 5012  
General coordinates: 7500 S & 3800 W  
PERRY TOWNSHIP  
MAYWOOD QUAD  
Section 17 Township 14 Range 3

BENCHMARK IS: BOAT SPIKE

Description of benchmark location:

A boat spike set in the east side of a power pole #62-749 on the west side of Lake Road 0.5 mile south of Southport Road. 73 ft. south of the south entrance to English Excavating, Inc. 15 ft. west of the center line of Lake Road, 0.7 ft. up, 0.2 ft. out about 1 ft. above the road. A mag nail with MCSO washer set below it.

Date: AUGUST 1999 B.M. Circuit was run from MCSO 5001 / NGS G-64  
PERRY TOWNSHIP LOOP #2  
Loop error of +0.0157 meter was pro-rated among 148 turns.

NAVD '88

ELEVATION 201.581 METERS



5011

BENCHMARK NUMBER: 5011

General coordinates: 8000 S 3800 W

PERRY TOWNSHIP

MAYWOOD QUAD

Section 20 Township 14 Range 3 North Quarter Corner

BENCHMARK IS: BRASS DISK

Brass disk stamped US. Government marker 2ft below this. Also the north quarter corner of section 20-14-03. Disk is 10.89ft southwest of a sign post marking this location. 15ft northeast of power pole #5-779. See also the section corner reference sheet for this mark.

Date: August 1999 Circuit was run from MCSO 5001 / NGS G-64

PERRY TOWNSHIP LOOP #2

Loop error of +0.0157 meter was pro-rated among 148 turns.

NAVD '88

ELEVATION 200.135 METERS

5015

Benchmark Number 5015

General Coordinates 7000S & 3900E

Perry Township

Beech Grove Quad

Section 9, Township 14, Range 4 East

Benchmark is : MCSO disk . Disk is set in the Southport Road Bridge over Little Buck Creek. Disk is +/- 300 feet east of the intersection of Southport Road and Gray Road. Disk is set in the northwest corner of the walk. 34 feet north of the centerline of Southport Road 1 foot east of the west end of the bridge 1 foot above the bridge deck.

Date: Circuit was run in the Summer of 2001. Benchmark circuit was run from MCSO # 3016 Perry Loop # 4 Franklin Loop #14 . Error & adjustment of Loop: Adjusted April 2002. A 0.024(m) difference between the published data at 3016 to 5013 (both MCSO based on NGS). Difference was prorated equally among the 233 turns. The circuit was run in 2000 and in 2001 with duplicate results thus the 0.024(m) pro-ration. NAVD '88.

ELEVATION 239.514 METERS

5003

BENCHMARK NUMBER: 5003

General coordinates: 7000S 3400W

PERRY TOWNSHIP

MAYWOOD QUAD

Section 16 Township 14 Range 3

BENCHMARK IS: BOAT SPIKE

Set in the north face of power pole no #. Pole is 32 ft east of the extended centerline of Tibbs av. 64ft. south of the centerline of Southport Road, Spike is 0.11ft., above the ground and 0.12ft out from pole face. A MAG nail with MCSO brass washer set below spike.

Date: August 1999 Circuit was run from MCSO 5001

PERRY TOWNSHIP LOOP #2

Loop error of +0.0157 meter was prorated among 148 turns

NAVD '88

ELEVATION 203.635 METERS

5004

BENCHMARK NUMBER: 5004

General coordinates: 7000 S 2600 W

PERRY TOWNSHIP

MAYWOOD QUAD

Section 16 Township 14 Range 3

BENCHMARK IS: RAILROAD SPIKE

Railroad spike set in the north face of power pole # 39-751. Pole is 28ft south of the centerline of Southport road. 16ft east of a Harrison marking the north quarter corner of section. Spike is 2ft. up and 0.2 ft out from face of pole. Pk nail set below spike

Date: August 1999uit was run from MCSO 5001

PERRY TOWNSHIP LOOP #2

Loop error of +0.0157 meter was prorated among 148 turns.

NAVD '88

ELEVATION 204.937 METERS

5005

BENCHMARK NUMBER: 5005

General coordinates: 7000 S 2100W

PERRY TOWNSHIP

MAYWOOD QUAD

Section 10 Township 14 Range3

BENCHMARK IS: Bolt of Traffic Signal Pole

Bolt stamped MCSO TBM 5005,

The northwest bolt of the traffic signal pole base in the southeast quadrant of the intersection of Southport road and SR 37, Pole is 47ft south of the centerline Southport road and 27ft east of the east edge of pavement of the turn lane for northbound SR 37

Date: August 1999 Circuit was run from MCSO 5001

PERRY TOWNSHIP LOOP #2

Loop error of +0.0157 meter was prorated among 148 turns.

NAVD '88

ELEVATION 207.345 METERS

5006

BENCHMARK NUMBER: 5006

General coordinates: 7805S 2300W

PERRY TOWNSHIP

MAYWOOD QUAD

Section 16 Township 14 Range3

BENCHMARK IS: MCSO BENCHMARK DISK

MCSO disk stamped 5006. Set in the top of the Belmont St. Bridge over Orme ditch. Set in the East End of the west headwall. 15ft west of the centerline of Belmont St. 27 ft southeast of the 1998 bridge plaque. About level with road surface

Date: August 1999 Circuit was run from MCSO 5001

PERRY TOWNSHIP LOOP #2

Loop error of +0.0157 meter was prorated among 148 turns.

NAVD '88

ELEVATION 206.545 METERS

5007

BENCHMARK NUMBER: 5007

General coordinates: 8600 S 2100W

PERRY TOWNSHIP  
MAYWOOD QUAD  
Section 21 Township 14 Range3

BENCHMARK IS: STATE HIGHWAY BENCHMARK DISK STAMPED MAR G-42

This benchmark is also PERRY-93

SW corner of Old SR 37 over Pleasant Run Creek. About 100' E of

New SR 37. 41ft south of the approx. centerline of the creek. 21ft west of the centerline of bluff road (Old SR 37) 3.7ft north of the south end of the handrail. 0.2ft west of the handrail. 0.8ft above bridge deck.

State highway department ELEV. 674.34

Date: August 1999 Circuit was run from MCSO 5001

PERRY TOWNSHIP LOOP #2

Loop error of +0.0157 meter was prorated among 148 turns.

NAVD '88

ELEVATION 205.441 METERS

5008

BENCHMARK NUMBER: 5008

See also perry-27

General coordinates: 8500S & 3440 W

PERRYTOWNSHIP

MAYWOOD QUAD  
Section 20 Township 14 Range3

BENCHMARK IS: Round Head Bolt

Bolt found in the southeast wing wall of the Wicker Road bridge over Orme ditch.  
15ft south of the centerline of wicker rd. +/- 50 feet east of the drive to 3440 Wicker Rd.  
Previous ELEV. 658.68feet  
Date: August 1999 Circuit was run from MCSO 5001

PERRY TOWNSHIP LOOP #2  
NAVD '88  
Loop error of +0.0157 meter was prorated among 148 turns.

ELEVATION 200.685 METERS

5009  
BENCHMARK NUMBER: 5009  
See also Perry -26  
General coordinates: 8225 S 3500 W  
PERRY TOWNSHIP  
MAYWOOD QUAD  
Section 20 Township 14 Range 3

BENCHMARK IS: Round Head Bolt  
Round Head Bolt found at the Lake Road bridge over Harness ditch.  
Bolt head in SW wingwall, of Perry Township Bridge # 53,  
1/4 mile N of Wicker Road. Bolt is 13ft south of the centerline of Lake Rd. 19ft west of the east handrail.  
Previous Elev. 659.40  
Date: August 1999 Circuit was run from MCSO 5001

PERRY TOWNSHIP LOOP #2  
Loop error of +0.0157 meter was prorated among 148 turns.  
NAVD '88

ELEVATION 200.899 METERS

5010  
BENCHMARK NUMBER:  
General coordinates: 8500 S & 2800 W  
PERRY TOWNSHIP  
MAYWOOD QUAD

Section 21 Township 14Range 3

BENCHMARK IS: RAILROAD SPIKE

Description of benchmark location:

A rail road spike set in the south side of a power pole #3-810 on the south side of Wicker Road approx. 0.25 mile west of S.R. 37. 14 ft. south of the centerline Wicker Road, 83 ft. east of the center of asphalt drive for #2920 Wicker Road. 1 ft. up, 0.20 ft. out, about level with the road with a mag nail with MCSO Washer set above it.

Date AUGUST 1999: B.M. Circuit was run from MCSO 5001  
PERRY TOWNSHIP LOOP #2  
Loop error of +0.0157 meter was prorated among 148 turns.

NAVD '88

ELEVATION 202.472 METERS

5011

BENCHMARK NUMBER: 5011

General coordinates: 8000 S W3800

DECATUR TOWNSHIP

MAYWOOD QUAD

Section 20 Township 14 Range 3

BENCHMARK IS: BRASS DISK

Brass disk stamped us. Government marker 2ft below this. Also the north quarter corner of

section 20-14-03. Disk is 10.89ft southwest of a sign post marking this location. 15ft northeast of power pole #5-779. See also the section corner reference sheet for this mark.

Date: August 1999 Circuit was run from MCSO 5001

PERRY TOWNSHIP LOOP #2

The total distance for this loop was 11.32-km. misclosure error of +0.0157.  
0.0157/ 313 turns = 0.00050159 subtracted from each set up

NAVD '88

ELEVATION 200.135 METERS

5012

BENCHMARK NUMBER: 5012

General coordinates: 7500 S & 3800 W

PERRY TOWNSHIP

MAYWOOD QUAD

Section 17 Township 14 Range 3

BENCHMARK IS: BOAT SPIKE

Description of benchmark location:

A boat spike set in the east side of a power pole #62-749 on the west side of Lake Road 0.5 mile south of Southport Road. 73 ft. south of the south entrance to English Excavating, Inc. 15 ft. west of the center line of Lake Road, 0.7 ft. up, 0.2 ft. out about 1 ft. above the road. A mag nail with MCSO Washer set below it.

Date: AUGUST 1999 B.M. Circuit was run from MCSO 5001

PERRY TOWNSHIP LOOP #2

Loop error of +0.0157 meter was prorated among 148 turns.

NAVD '88

ELEVATION 201.581 METERS

5013

BENCHMARK NUMBER: 5013

General coordinates: 6800S & 1550W

PERRY TOWNSHIP

MAYWOOD QUAD

Section 10 Township 14 Range 03

BENCHMARK IS: 4" MCSO DISK

Disk is stamped 5013

Disk is set at the northeast end of the Harding Street Bridge over Little Buck Creek.

+/- 18 feet east of the centerline of Harding Street +/- 20 feet south of the north end of the concrete apron,

+/- 1 foot south of the north end of the wing wall.

Date: August 1999 Circuit was run from 5002

PERRY TOWNSHIP LOOP # 3

NAVD '88

ELEVATION 208.823 METERS

5014

BENCHMARK NUMBER: 5014

General coordinates: 6870S & 3000E

PERRY TOWNSHIP

BEECH GROVE QUAD

Section 8 Township 14 Range 4 Southwest Quarter

BENCHMARK IS: MCSO DISK

Disk is stamped 5014.

Disk is set in the top of the southwest handrail of the McFarland Road Bridge over Little Buck Creek at the southwest expansion joint. 108 feet south of the northwest corner of the bridge, 18 feet north of the southwest end of the handrail, 3 feet above the deck.

Date: Circuit was run in the summer of 2001. B.M. Circuit was run from: MCSO 3016

PERRY LOOP #4 FRANKLIN LOOP #14

Error & adjustment of LOOP: ADJUSTED April 2002. A 0.024-m



difference between the published data at 3016 to 5013 (both MCSO based on NGS). Difference was prorated equally among the 233 turns. The circuit was run in 2000 and in 2001 with duplicate results thus the 0.024-m pro-ration.

NAVD '88

ELEVATION 234.862 METERS

5015

BENCHMARK NUMBER: 5015

General coordinates: 7000S 3900E

PERRY TOWNSHIP

BEECH GROVE QUAD

Section 9 Township 14 Range 04

BENCHMARK IS: MCSO DISK

Disk is set in the Southport Road Bridge over Little Buck Creek. Disk is  $\pm$  300 feet east of the intersection of Southport Road and Gray Road. Disk is set in the northwest corner of the walk. 34feet north of the centerline of Southport Road 1-foot east of the West End of the bridge and 1 foot above the bridge deck.

Date: Circuit was run in the summer of 2001. B.M. Circuit was run from: MCSO 3016

PERRY LOOP #4 FRANKLIN LOOP #14

Error & adjustment of LOOP: ADJUSTED April 2002. A 0.024-m difference between the published data at 3016 to 5013 (both MCSO based on NGS). Difference was prorated equally among the 233 turns. The circuit was run in 2000 and in 2001 with duplicate results thus the 0.024-m pro-ration.

NAVD '88

ELEVATION 239.514 METERS

5016

BENCHMARK NUMBER: 5016

General coordinates: 6000S 4100E

PERRY TOWNSHIP

BEECH GROVE QUAD

Section 4 Township 14 Range 04

BENCHMARK IS: BENCH TIE MARKER

Bench Tie Marker with tag set in the East Side of power pole #833-1098. Pole is in the northwest quadrant of the intersection of Edgewood Avenue and Gray Road pole is 27 feet west of the centerline of Gray Road and 51 feet north of the centerline of Edgewood Ave.

Date: Circuit was run in the summer of 2001. B.M. Circuit was run from: MCSO 5039

PERRY LOOP #5 FRANKLIN LOOP #15

Error & adjustment of LOOP: ADJUSTED April 2002. A 0.065-m difference between the published data at 5039 to 3032 (both MCSO based on NGS). Difference was prorated equally among the 233 turns. The circuit was run in 2000 and in 2001 with duplicate results thus the 0.0658-m pro-ration.

NAVD '88

ELEVATION 249.331 METERS

5017

BENCHMARK NUMBER: 5017

General coordinates: 5000S 5100E

PERRY TOWNSHIP

BEECH GROVE QUAD

Section 4 Township 14 Range 04

BENCHMARK IS: TRAFFIC SIGNAL BOLT

BENCHMARK IS the south most bolt of the traffic signal pole in the southwest quadrant of the intersection of Thompson Road and Emerson Avenue. Bolt is stamped MCSO TBM 5017

Date: Circuit was run in the summer of 2001. B.M. Circuit was run from: MCSO 5039

PERRY LOOP #5 FRANKLIN LOOP #15  
Error & adjustment of LOOP: ADJUSTED April 2002. A 0.065-m  
difference between the published data at 5039 to 3032 (both  
MCSO based on NGS). Difference was prorated equally among the  
233 turns. The circuit was run in 2000 and in 2001 with  
duplicate results thus the 0.0658-m pro-ration.  
NAVD '88

ELEVATION 252.669 METERS

5018  
BENCHMARK NUMBER: 5018  
General coordinates: 5000S E4000  
PERRY TOWNSHIP

BEECH GROVE QUAD

Section 4 Township 14 Range 04

BENCHMARK IS: TRAFFIC SIGNAL BOLT

Benchmark is the south most bolt of the traffic signal pole located in the northwest quadrant of the  
intersection of Gray Road and Shelbyville Road. Bolt is stamped MCSO TBM 5018

Date: Circuit was run in the summer of 2001. B.M. Circuit was  
run from: MCSO 5039  
PERRY LOOP #5 FRANKLIN LOOP #15  
Error & adjustment of LOOP: ADJUSTED April 2002. A 0.065-m  
difference between the published data at 5039 to 3032 (both  
MCSO based on NGS). Difference was prorated equally among the  
233 turns. The circuit was run in 2000 and in 2001 with  
duplicate results thus the 0.0658-m pro-ration.  
NAVD '88

ELEVATION 244.906 METERS

5019  
BENCHMARK NUMBER: 5019  
General coordinates: 5000S 2600E  
PERRY TOWNSHIP

BEECH GROVE QUAD

Section5 Township 14 Range 04

BENCHMARK IS: MCSO DISK

Disk is set in the top of the south head wall at the East End of the Thompson Road Bridge over DODRILL CREEK. Bridge is +\ - 200 feet west of Earlham Drive. At the northwest corner of the ST. Timothy's Episcopal Church yard.

Date: Circuit was run from MCSO 5057 TO 5040

ERROR 0.006M

PERRY TOWNSHIP LOOP # 6

NAVD '88

ELEVATION 229.789 METERS

5020

BENCHMARK NUMBER: 5020

General coordinates: 6000S & 3800 E

PERRY TOWNSHIP

BEECH GROVE QUAD

Section 5 Township 14 Range 4

BENCHMARK IS: Indiana State Highway Disk Stamped MAR G-272  
Indot disk is set in the Northwest wing wall of the Edgewood Ave. Bridge over I-65.

Date: Circuit was run in the summer of 2001. B.M. Circuit was run from: MCSO 5039

PERRY LOOP #5 FRANKLIN LOOP #15

Error & adjustment of LOOP: ADJUSTED April 2002. A 0.065-m difference between the published data at 5039 to 3032 (both MCSO based on NGS). Difference was prorated equally among the 233 turns. The circuit was run in 2000 and in 2001 with duplicate results thus the 0.0658-m pro-ration.

NAVD '88

ELEVATION 252.541 METERS

5021

BENCHMARK NUMBER: 5021

General coordinates: 6500 S & 2410 E

PERRY TOWNSHIP  
BEECH GROVE QUAD

Section 8 Township 14 Range 4

**BENCHMARK IS: 1"BRASS DISK STAMPED 5021 MCSO.**

Disk is set in the top of the northwest wing wall of the Banta Road Bridge over Little Buck Creek, 17 feet north of the centerline of Banta Road +\ -1 foot below the surface of the road. First bridge east of Derbyshire Road.

Date: Circuit was run in the summer of 2001. B.M. Circuit was run from: MCSO 3016

PERRY LOOP #4 FRANKLIN LOOP #14

Error & adjustment of LOOP: ADJUSTED April 2002. A 0.024-m difference between the published data at 3016 to 5013 (both MCSO based on NGS). Difference was prorated equally among the 233 turns. The circuit was run in 2000 and in 2001 with duplicate results thus the 0.024-m pro-ration.

NAVD '88

ELEVATION 233.945 METERS

5023

**BENCHMARK NUMBER: 5023**

General coordinates: 6500 S      & 1700 E

PERRY TOWNSHIP

**BEECH GROVE QUAD**

Section 7 Township 14 Range 4

**BENCHMARK IS: TRAFFIC SIGNAL POLE BOLT**

Mark is the northwest bolt of the traffic signal pole located in the southwest quadrant of the intersection of Madison Avenue and Banta Road. Bolt is stamped MCSO 5023

Date: Circuit was run in the summer of 2001. B.M. Circuit was run from: MCSO 3016

PERRY LOOP #4 FRANKLIN LOOP #14

Error & adjustment of LOOP: ADJUSTED April 2002. A 0.024-m difference between the published data at 3016 to 5013 (both

MCSO based on NGS DATUM). Difference was prorated equally among the 233 turns. The circuit was run in 2000 and in 2001 with duplicate results thus the 0.024-m pro-ration.  
NAVD '88

ELEVATION 232.586 METERS

5024  
BENCHMARK NUMBER: 5024  
General coordinates: 6000S & 1600 E  
PERRY TOWNSHIP  
MAYWOOD QUAD

Section 7 Township 14 Range 4

BENCHMARK IS: TRAFFIC SIGNAL POLE BOLT  
The northeast bolt of the traffic signal pole at the Southwest quadrant of the intersection of Madison Avenue and Edgewood Avenue. Bolt stamped MCSO 5024

Date: Circuit was run in the summer of 2001. B.M. Circuit was run from: MCSO 5039  
PERRY LOOP #5 FRANKLIN LOOP #15  
Error & adjustment of LOOP: ADJUSTED April 2002. A 0.065-m difference between the published data at 5039 to 3032 (both MCSO based on NGS). Difference was prorated equally among the 233 turns. The circuit was run in 2000 and in 2001 with duplicate results thus the 0.0658-m pro-ration.  
NAVD '88

ELEVATION 232.363 METERS

5025  
BENCHMARK NUMBER: 5025  
General coordinates: 6000 S & 800 E  
PERRY TOWNSHIP  
MAYWOOD QUAD

Section 1 Township 14 Range 03

BENCHMARK IS: INDIANA STAT HIGHWAY COMISSION DISK  
STAMPED MAR G-203 BRIDGE #80

About 0.8 miles SW of Edgewood, 0.55 miles  
SE along SR 431 from its intersection with Epler Avenue in  
Edgewood to the intersection of Stop 8 Road; thence 0.7 miles  
W  
along Stop 8 road to the Stop 8 bridge over Little Buck Creek  
(About 0.2 miles E of US 31) set in the top at the W end of  
the  
N concrete sidewalk of the bridge, 14' N of the centerline of  
the road, 0.9' above the road,

Date: Circuit was run in the summer of 2001. B.M. Circuit was run from: MCSO 5039  
PERRY LOOP #5 FRANKLIN LOOP #15

Error & adjustment of LOOP: ADJUSTED April 2002. A 0.065-m difference between the  
published data at 5039 to 3032 (both MCSO based on NGS). Difference was prorated equally  
among the 233 turns. The circuit was run in 2000 and in 2001 with duplicate results thus the  
0.0658-m pro-ration.  
NAVD '88

ELEVATION 222.598 METERS

5026

BENCHMARK NUMBER: 5026

General coordinates: 6000S      & 1070 E  
PERRY TOWNSHIP

MAYWOOD QUAD

Section 1 Township 14 Range 3

BENCHMARK IS: 1" BRASS DISK STAMPED

Set in the top of the north side of the "U" shaped headwall  
+ \- 150 feet west of Shelby Street 22 feet north of the  
centerline of Edgewood Avenue. 9 feet south of the access  
drive way

Date: Circuit was run in the summer of 2001. B.M. Circuit was

run from: MCSO 5039  
PERRY LOOP #5 FRANKLIN LOOP #15  
Error & adjustment of LOOP: ADJUSTED April 2002. A 0.065-m difference between the published data at 5039 to 3032 (both MCSO based on NGS). Difference was prorated equally among the 233 turns. The circuit was run in 2000 and in 2001 with duplicate results thus the 0.0658-m pro-ration.  
NAVD '88

ELEVATION 222.781 METERS

5027  
BENCHMARK NUMBER: 5027  
SEE ALSO PERRY 50  
General coordinates: 6000 S & 800E  
PERRY TOWNSHIP

MAYWOOD QUAD

Section 1 Township 14 Range 03

BENCHMARK IS Indiana Flood Control and Water Resources Comm, standard bronze tablet, stamped MAR 101 reset 1960: BRIDGE #80

About 0.8 miles SW of Edgewood, 0.55 miles SE along SR 431 from its intersection with Epler Avenue in Edgewood to the intersection of Stop 8 Road; thence 0.7 miles W along Stop 8 road to the Stop 8 bridge over Little Buck Creek (about 0.2 miles E of US 31) set in the top at the E end of the N concrete sidewalk of the bridge, 14' N of the centerline of the road, 0.9' above the road, 0.9' W of the E end of the N sidewalk. (ELEV. 729.840 PERRY 50 NAVD'29)

Date: Circuit was run in the summer of 2001. B.M. Circuit was run from: MCSO 5039  
PERRY LOOP #5 FRANKLIN LOOP #15  
Error & adjustment of LOOP: ADJUSTED April 2002. A 0.065-m difference between the published data at 5039 to 3032 (both MCSO based on NGS). Difference was prorated equally among the 233 turns. The circuit was run in 2000 and in 2001 with duplicate results thus the 0.0658-m pro-ration.  
NAVD '88

ELEVATION 222.340 METERS



5028

BENCHMARK NUMBER: 5028

General coordinates: 6500S & 550 E

PERRY TOWNSHIP

MAYWOOD QUAD

Section 12 Township 14 Range 3

BENCHMARK IS: INDIANA STATE HIGHWAY COMMISSION

NOT STAMPED

Disk is set in the northwest wing wall of the Banta Road Bridge over Little Buck Creek. +\ - 275 feet east of US 31 18 feet north of the centerline of Banta Road 17 feet east of the west end of the handrail 0.80 feet north of the handrail.

Date: Circuit was run in the summer of 2001. B.M. Circuit was run from: MCSO 3016

PERRY LOOP #4 FRANKLIN LOOP #14

Error & adjustment of LOOP: ADJUSTED April 2002. A 0.024-m difference between the published data at 3016 to 5013 (both MCSO based on NGS). Difference was prorated equally among the 233 turns. The circuit was run in 2000 and in 2001 with duplicate results thus the 0.024-m pro-ration.

NAVD '88

ELEVATION 223.933 METERS

5029

BENCHMARK NUMBER: 5029

General coordinates: 6500S & 0000W

PERRY TOWNSHIP

MAYWOOD QUAD

Section 11 Township 14 Range 3

BENCHMARK IS: TRAFFIC SIGNAL POLE BOLT

Bolt is Stamped MCSO 5029

The southeast bolt of the traffic signal pole in the northwest quadrant of the intersection of Meridian Street and Banta Road.

Date: Circuit was run in the summer of 2001. B.M. Circuit was run from: MCSO 3016

PERRY LOOP #4 FRANKLIN LOOP #14

Error & adjustment of LOOP: ADJUSTED April 2002. A 0.024-m difference between the published data at 3016 to 5013 (both MCSO based on NGS). Difference was prorated equally among the 233 turns. The circuit was run in 2000 and in 2001 with duplicate results thus the 0.024-m pro-ration.

NAVD '88

ELEVATION 228.179 METERS

5030

BENCHMARK NUMBER: 5030

General coordinates: 6000 S & 0000 W

PERRY TOWNSHIP

MAYWOOD QUAD

Section 11 Township 14 Range 3

BENCHMARK IS: 1" BRASS DISK STAMPED "5030 MCSO"

Bolt is set in the northeast wingwall of the Edgewood Avenue Bridge over Little Buck Creek. +\ - 150 feet west of the centerline of Meridian Street, 18 feet north of the centerline of Edgewood Avenue, 4 feet north of the face of curb, +\ - 1.5 feet below the road surface.

Date: Circuit was run in the summer of 2001. B.M. Circuit was run from: MCSO 5039

PERRY LOOP #5 FRANKLIN LOOP #15

Error & adjustment of LOOP: ADJUSTED April 2002. A 0.065-m difference between the published data at 5039 to 3032 (both MCSO based on NGS). Difference was prorated equally among the 233 turns. The circuit was run in 2000 and in 2001 with duplicate results thus the

0.0658-m pro-ratio.  
NAVD '88

ELEVATION 216.553 METERS

5031  
BENCHMARK NUMBER: 50310  
General coordinates: 6500 S & 1000W  
PERRY TOWNSHIP

### MAYWOOD QUAD

Section 11 Township 14 Range 3

BENCHMARK IS: 4" MCSO DISK STAMPED  
DISK IS STAMPED 5031

Disk is set in the top of the Northwest handrail of the Banta Road Bridge over Little Buck Creek west of Bluff Road. Disk is 16.5 feet north of the centerline of Banta Road 2 feet east of the West End of the handrail, and 3 feet above the walk of the bridge.

Date: Circuit was run in the summer of 2001. B.M. Circuit was run from: MCSO 3016  
PERRY LOOP #4 FRANKLIN LOOP #14  
Error & adjustment of LOOP: ADJUSTED April 2002. A 0.024-m difference between the published data at 3016 to 5013 (both MCSO based on NGS). Difference was prorated equally among the 233 turns. The circuit was run in 2000 and in 2001 with duplicate results thus the 0.024-m pro-ratio.  
NAVD '88

ELEVATION 214.195 METERS

5032

BENCHMARK NUMBER: 5032

General coordinates: 6000S    & 1000 W

PERRY TOWNSHIP

MAYWOOD QUAD

Section 2 Township 14 Range 3

BENCHMARK IS: TRAFFIC SIGNAL POLE BOLT

Bolt is stamped MCSO 5032

The southwest most bolt of the traffic signal pole in the northeast quadrant of the intersection of Bluff Road and Edgewood Avenue, 20 feet north of the centerline of Edgewood Avenue, 45 feet east of the centerline of Bluff Road.

Date: Circuit was run in the summer of 2001. B.M. Circuit was run from: MCSO 5039

PERRY LOOP #5 FRANKLIN LOOP #15

Error & adjustment of LOOP: ADJUSTED April 2002. A 0.065-m difference between the published data at 5039 to 3032 (both MCSO based on NGS). Difference was prorated equally among the 233 turns. The circuit was run in 2000 and in 2001 with duplicate results thus the 0.0658-m pro-ration.

NAVD '88

ELEVATION 213.598 METERS

5033

BENCHMARK NUMBER: 5033

General coordinates: 6700 S    & 1100 W

PERRY TOWNSHIP

MAYWOOD QUAD

Section 10 Township 14 Range 3

**BENCHMARK IS: INDIANA STATE HIGHWAY COMMISSION**

STAMPED MAR-G-413

Set in the top of the southwest wing wall of the Bluff Road Bridge over Little Buck Creek.

Date: Circuit was run in the summer of 2001. B.M. Circuit was run from: MCSO 3016

PERRY LOOP #4 FRANKLIN LOOP #14

Error & adjustment of LOOP: ADJUSTED April 2002. A 0.024-m difference between the published data at 3016 to 5013 (both MCSO based on NGS). Difference was prorated equally among the 233 turns. The circuit was run in 2000 and in 2001 with duplicate results thus the 0.024-m pro-ration.

NAVD '88

ELEVATION 210.698 METERS

5034

**BENCHMARK NUMBER: 5034**

General coordinates: 7000S & 4800 E

PERRY TOWNSHIP

**BEECH GROVE QUAD**

Section 16 Township 14 Range 4

**BENCHMARK IS: INDIANA STATE HIGHWAY COMMISSION**

Stamped MAR- G - 275

Set in the top of the southwest wing wall of the Southport Road Bridge over I-65

Date: Circuit was run in the summer of 2001. B.M. Circuit was run from: MCSO 3016

PERRY LOOP #4 FRANKLIN LOOP #14

Error & adjustment of LOOP: ADJUSTED April 2002. A 0.024-m difference between the published data at 3016 to 5013 (both MCSO based on NGS). Difference was prorated equally among the 233 turns. The circuit was run in 2000 and in 2001 with duplicate results thus the 0.024-m pro-ration.

NAVD '88

ELEVATION 249.296 METERS

5035

BENCHMARK NUMBER: 5035

General coordinates: 6600S & 4000 E

PERRY TOWNSHIP

BEECH GROVE QUAD

Section 9 Township 14 Range 4

BENCHMARK IS: INDIANA STATE HIGHWAY COMMISSION

Stamped MAR-G- 273

Set in the northwest wing wall of the Gray Road Bridge over I-65.

18 feet west of the centerline of Gray Road and 12 feet south of the north face of the handrail.

Not ran yet

Date: Circuit was run from

PERRY TOWNSHIP LOOP #

NAVD '88

ELEVATION *Not ran yet* METERS

5036

BENCHMARK NUMBER: 5036

General coordinates: 5000 S & 4531 E

PERRY TOWNSHIP

BEECH GROVE QUAD

Section 33 Township 14 Range 3

BENCHMARK IS: 4" MCSO DISK  
STAMPED 5036

Set in the top of the north wing wall for culvert pipe under Thompson Road. +\ -250 feet east of 9<sup>th</sup> Street, 19 feet north of the centerline of Thompson Road, 3 feet below the top of the handrail 1-foot below the road surface.

Date: Circuit was run in the summer of 2001. B.M. Circuit was run from: MCSO 5039  
PERRY LOOP #5 FRANKLIN LOOP #15

Error & adjustment of LOOP: ADJUSTED April 2002. A 0.065-m difference between the published data at 5039 to 3032 (both MCSO based on NGS). Difference was prorated equally among the 233 turns. The circuit was run in 2000 and in 2001 with duplicate results thus the 0.0658-m pro-ration.  
NAVD '88

ELEVATION 246.435 METERS

5037

BENCHMARK NUMBER: 5037

General coordinates: 7000 S & 4043 E  
PERRY TOWNSHIP

BEECH GROVE QUAD

Section 16 Township 14 Range 4 NORTH WEST QUARTER

BENCHMARK IS: IMAGIS DISK  
STAMPED IMAGIS 52

Disk is set flush with the surface of the ground, 10.3 feet south of the south edge of pavement. 115.25 feet east of a PK nail in the north side of power pole #833-112, 40.43 feet northeasterly from the top nut of a fire hydrant. Also approx. Due south of the entrance to Heritage Square Office Complex and Fifth Third Bank, 0.1 mile west of gray road.

Date: Circuit was run in the summer of 2001. B.M. Circuit was run from: MCSO 3016  
PERRY LOOP #4 FRANKLIN LOOP #14

Error & adjustment of LOOP: ADJUSTED April 2002. A 0.024-m difference between the published data at 3016 to 5013 (both MCSO based on NGS). Difference was prorated equally among the 233 turns. The circuit was run in 2000 and in 2001 with duplicate results thus the 0.024-m pro-ration.  
NAVD '88

ELEVATION 236.277 METERS

5038

BENCHMARK NUMBER: 5038

General coordinates: 6500S & 500W

PERRY TOWNSHIP

MAYWOOD BEECH GROVE QUAD

Section 11 Township 14 Range 3

BENCHMARK IS: IDNR CONTROL STATION DIVISION OF WATER

STAMPED LB1 14A

18FEET NORTH OF THE CENTERLINE OF BANTA ROAD 3.5 FEET

NORTHEAST OF A BLACK 4-INCH METAL POST, +\ - 20 NORTH OF THE  
CENTER OF SECTION.

Date: Circuit was run in the summer of 2001. B.M. Circuit was run from: MCSO 3016

PERRY LOOP #4 FRANKLIN LOOP #14

Error & adjustment of LOOP: ADJUSTED April 2002. A 0.024-m difference between the  
published data at 3016 to 5013 (both MCSO based on NGS). Difference was prorated equally  
among the 233 turns. The circuit was run in 2000 and in 2001 with duplicate results thus the  
0.024-m pro-ration.

NAVD '88

ELEVATION 220.176 METERS

5039

BENCHMARK NUMBER: 5039

General coordinates: 6500 S & 1100 W

PERRY TOWNSHIP



MAYWOOD QUAD

Section 10 Township 14 Range 3

BENCHMARK IS: TRAFFIC SIGNAL POLE BOLT Stamped 5039 MCSO  
South most bolt of the traffic signal pole in the Northeast  
quadrant of the intersection of Bluff Road and Banta Road

Date: July - August 2001 Circuit was run from 3016 (3028  
(Q245ngs))

PERRY LOOP #4 FRANKLIN LOOP #14

Error & adjustment of LOOP: ADJUSTED April 2002. A 0.024-m difference between the  
published data at 3016 to 5013 (both MCSO based on NGS). Difference was prorated equally  
among the 233 turns. The circuit was run in 2000 and in 2001 with duplicate results thus the  
0.024-m pro-ration.

NAVD '88

ELEVATION 212.569

METERS

5040

BENCHMARK NUMBER: 5040

General coordinates: 6000 S & 2400 E

PERRY TOWNSHIP

BEECH GROVE QUAD

Section 7 Township 14 Range 4

BENCHMARK IS: Bench Tie Marker

Set in the North side of power pole # 77-730. Pole is in the  
southwest quadrant of the intersection of Keystone Avenue and  
Edgewood Avenue.

Date: Circuit was run in the summer of 2001. B.M. Circuit was  
run from: MCSO 5039

PERRY LOOP #5 FRANKLIN LOOP #15

Error & adjustment of LOOP: ADJUSTED April 2002. A 0.065-m  
difference between the published data at 5039 to 3032 (both  
MCSO based on NGS). Difference was prorated equally among the  
233 turns. The circuit was run in 2000 and in 2001 with  
duplicate results thus the 0.0658-m pro-ration.

NAVD '88

ELEVATION 239.578 METERS

5041

BENCHMARK NUMBER: 5041

General coordinates: 6000 S & 31330E

PERRY TOWNSHIP

BEECH GROVE QUAD

Section 5 Township 14 Range 5

BENCHMARK IS: 4inch by 4-inch CUT SQUARE

Square is in the north side of wing wall of the Edgewood Avenue Bridge over Wetnight Ditch. 16 feet north of the centerline of Edgewood Avenue 28 feet east of the west end of the handrail 4 feet east of the east end of the handrail set in Perry Bridge #40 1964

Date: Circuit was run from

Perry TOWNSHIP LOOP #NAVD '88

ELEVATION not ran yet METERS

5042

BENCHMARK NUMBER: 5042

General coordinates: 5000S & 4200E

PERRY TOWNSHIP

BEECH GROVE

Section 5 Township 14 Range 4

BENCHMARK IS: 2-inch disk Stamped 5042 MCSO

Set in the concrete base of the traffic signal pole in the southeast quadrant of the intersection Thompson Road and Keystone Avenue.

Date: August of 2003 Circuit was run from MCSO 5057

Perry TOWNSHIP LOOP # 6 Loop had an error of 0.006m.

NAVD '88

ELEVATION 232.681 METERS

5043

BENCHMARK NUMBER: 5043

General coordinates: 5000 S & 3800 E

PERRY TOWNSHIP

BEECH GROVE QUAD

Section 34 Township 14 Range 4

HARRISON RESET AUGUST 2004 ELEVATION BELOW IS TO OLD HARRISON.  
Anelevation to the new Harrison has not been ran as of 06-01-  
05

BENCHMARK IS: Harrison Marker

This is the Harrison marking the Northwest corner of the above mentioned section

+ \- 54 west of the intersection of Thompson Road and Sherman Drive

Date: August of 2003 Circuit was run from MCSO 5057

Perry TOWNSHIP LOOP # 6 Loop had an error of 0.006m.

NAVD '88

OLD HARRISON ~~ELEVATION 241.907~~ METERS

5044

BENCHMARK NUMBER: 5044

General coordinates: 5000S & 3600 E

PERRY TOWNSHIP

BEECH GROVE QUAD

Section 3 Township 14 Range 4

BENCHMARK IS: 4 inch MCSO DISK Stamped 5044

Set in the Southeast wing wall of the Thompson Road Bridge over I-65 22 feet south of the centerline of Thompson road and about level with the road surface.

Date: August of 2003 Circuit was run from MCSO 5057

Perry TOWNSHIP LOOP # 6 Loop had an error of 0.006m.

NAVD '88

ELEVATION 242.948

METERS

5045

BENCHMARK NUMBER: 5045

General coordinates: 8000 S & 1625 E

PERRY TOWNSHIP

MAYWOOD QUAD

Section 19 Township 14 Range 2

BENCHMARK IS: DISK 4 inch MCSO DISK

Stamped 5045

Disk is set in the top north most end of a "U" shaped box culvert, south of the Sycamores Apartment.

55 feet west of the centerline of Snug Harbor Drive,

25 feet south of the south face of curb of Stop 11 Road.

Date: Circuit was run from

FRANKLIN TOWNSHIP LOOP #

NAVD '88

ELEVATION NOT RAN YET METERS

5046

BENCHMARK NUMBER: 5046

General coordinates: 7000 S & 1520 E

PERRY TOWNSHIP

MAYWOOD QUAD

Section 18 Township 14 Range 4

BENCHMARK IS: DISK 4 inch MCSO DISK

STAMPED 5046

Disk is set in the top of the Northwest end of the Southport Road Bridge over Little Buck Creek.

Disk is +/- 17 feet north of the centerline of Southport Road +/- 62 feet west of the centerline of the creek, and about 0.40' above the road surface.

Date: August 2003 Circuit was run from MCSO 5023

PERRY TOWNSHIP LOOP # 9 no adjustment need for this loop.

NAVD '88

ELEVATION 228.927 METERS

5047

BENCHMARK NUMBER: 5047

General coordinates: 7000 S & 1320 E

PERRY TOWNSHIP

MAYWOOD QUAD

Section 18 Township 14 Range 4

BENCHMARK IS: 4 inch MCSO DISK

STAMPED 5047

Set in the North West side walk of Southport Road Bridge (built 1957) over Little Buck Creek. Mark is +/- 200 feet east of Linden Street. +/- 16.5 feet north of the centerline of Southport Road, +/- 42 feet west of the centerline of the creek, +/- 0.04 feet above the road surface.

Date: August 2003 Circuit was run from MCSO 5023

PERRY TOWNSHIP LOOP #9

NAVD '88

ELEVATION 228.608 METERS

5048

BENCHMARK NUMBER: 5048

General coordinates: 7010 S & 1400 E

PERRY TOWNSHIP

MAYWOOD QUAD

Section 18 Township 14 Range 4

BENCHMARK IS: 1 inch DISK Stamped MCSO 5048

Disk is set in the northeast corner of the Orinoco Av. Bridge over Little Buck Creek at the Wyandotte south apartments. Approx. +/- 250 feet south of Southport Road, +/- 64 feet East of the centerline of the creek, +/- 17 feet North of the centerline of Orinoco Ave, +/- 2.5 feet below the road surface.

Date: AUGUST 2003 Circuit was run from MCSO 5023

PERRY TOWNSHIP LOOP # 9 No adjustment needed for this loop

NAVD '88

ELEVATION 226.593 METERS

5049

BENCHMARK NUMBER: 5049

General coordinates: 8500 S & 0 E

PERRY TOWNSHIP

MAYWOOD QUAD

Section 23 Township 14 Range 3

BENCHMARK IS: 4 inch MCSO DISK

Stamped 5049

Disk is set in the southwest sidewalk of the Meridian Street (ST.RD 135) over  
, +/- 62 feet south of the centerline of the creek, +/- 37 feet west of the centerline of Meridian Street,  
+/- 6 inches above the road surface, near the entrance to German Park.

Date: Circuit was run from

PERRY TOWNSHIP LOOP #

NAVD '88

ELEVATION NOT RAN YET METERS

5050

BENCHMARK NUMBER: 5050

General coordinates: 7000S & 5100 E

PERRY TOWNSHIP

BEECH GROVE QUAD

Section 15 Township 14 Range 4

BENCHMARK IS: 2" DISK

Stamped MCSO 5050

Disk is set in the Southeast quadrant of the intersection of Southport Road and Emerson Avenue, in the Southeast corner of the traffic light pole base. Disk is +/- 18 feet east of the east edge of pavement of Emerson Avenue, +/- 21 feet south of the Southeast edge of pavement of Southport Road, in the northwest corner of Mike's Car wash property.

Date: August 2003 Circuit was run from MCSO 3062

PERRY TOWNSHIP LOOP #

NAVD '88

ELEVATION **251.098** METERS

5051

BENCHMARK NUMBER: 5051

General coordinates: 6500S & 1700 E

PERRY TOWNSHIP

MAYWOOD QUAD

Section 7 Township 14 Range 4

BENCHMARK IS: 2" DISK

Stamped MCSO 5051

Disk is set in the Northeast Quadrant of the Intersection of Madison Avenue and Banta Road in the concrete base of the traffic signal pole. Disk is +/- 5 feet east of the east face of curb of Madison Ave., +/- 12 feet north of the north face of curb of Banta Road. +/- 0.08 feet southwest of the southwest bolt of the traffic signal pole.

Date: September 2003 Circuit was run from MCSO 5023

PERRY TOWNSHIP LOOP #

NAVD '88

ELEVATION **232.586** METERS

5052

BENCHMARK NUMBER: 5052

General coordinates: 6500S & 0000E

PERRY TOWNSHIP

MAYWOOD QUAD

Section 12 Township 14 Range 3

BENCHMARK IS: 2" DISK

Stamped MCSO 5052

Disk is set in the Northeast Quadrant of the Intersection of Meridian Street and Banta Road in the concrete base of the traffic signal pole. Disk is +/- 15 feet east of the east face of curb of Meridian Street, +/- 13.5 feet north of the north face of curb of Banta Road. +/- 0.08 feet southwest of the southwest bolt of the traffic signal pole.

Date: September 2003 Circuit was run from MCSO 5029

NAVD '88

ELEVATION **228.351** METERS

5053

BENCHMARK NUMBER:

General coordinates: 6500S & 1000W

PERRY TOWNSHIP

MAYWOOD QUAD

Section 11 Township 14 Range 3

BENCHMARK IS: 2" DISK

Stamped MCSO 5053

Disk is set in the Southeast Quadrant of the Intersection of Bluff Road and Banta Road in the concrete base of the traffic signal pole. Disk is +/- 4 feet east of the east edge of pavement of Bluff Road, +/- 11.5 feet south of the south edge of pavement of Banta Road. +/- 0.08 feet southwest of the southwest bolt of the traffic signal pole. At Hall and House Lumber Yard

Date: September 2003 Circuit was run from MCSO 5039

NAVD '88



ELEVATION **212.398** METERS

5054

BENCHMARK NUMBER: 5054

General coordinates: 6005 S & 1000 W

PERRY TOWNSHIP

MAYWOOD QUAD

Section 11 Township 14 Range 3

BENCHMARK IS: 2" DISK

Stamped MCSO 5054

Disk is set in the Southeast Quadrant of the Intersection of Bluff Road and Edgewood Avenue, in the concrete base of the traffic signal pole. Disk is +/- 9.5 feet east of the east edge of pavement of Bluff Road, +/- 19 feet south of the south edge of pavement of Edgewood Avenue, +/- 0.08 feet southwest of the southwest bolt of the traffic signal pole. At Hall and House Lumber Yard

Date: September 2003 Circuit was run from MCSO 5032

NAVD '88

ELEVATION **213.604** METERS

5055

BENCHMARK NUMBER: 5055

General coordinates: 6000S & 1600E

PERRY TOWNSHIP

MAYWOOD QUAD

Section 6 Township 14 Range 4

BENCHMARK IS 2" DISK

Stamped MCSO 5055

Disk set in the concrete base of the traffic signal pole in the Northwest Quadrant of the intersection of Edgewood Avenue and Madison Avenue. Disk is +/- 4 feet west of the west face of curb of Madison Ave, +/- 1.4 north of the north face of curb of Edgewood Ave., +/- 0.90 feet southeast of the southeast bolt of traffic pole.

Date: August 2003 Circuit was run from MCSO 5024

PERRY TOWNSHIP LOOP #

NAVD '88

ELEVATION **231.805** METERS

5056

BENCHMARK NUMBER: 5056

General coordinates: 6000 S & 3130E

PERRY TOWNSHIP

BEECH GROVE QUAD

Section 8 Township 14 Range 3

BENCHMARK IS: 2 inch DISK stamped 5056 MCSO

Disk is set in the concrete retaining wall of the Edgewood Avenue Bridge over Wetnight Ditch, 42 feet west of the Bryan Drive, 18.5 feet south of the centerline of Edgewood Avenue.

Date: Circuit was run in the summer of 2001. B.M. Circuit was run from: MCSO 5039

PERRY LOOP #5 FRANKLIN LOOP #15

Error & adjustment of LOOP: ADJUSTED April 2002. A 0.065-m difference between the published data at 5039 to 3032 (both MCSO based on NGS). Difference was prorated equally among the 233 turns. The circuit was run in 2000 and in 2001 with duplicate results thus the 0.0658-m pro-ratio.

NAVD '88

ELEVATION 239.578 METERS

5057

BENCHMARK NUMBER: 5057

General coordinates: 5000S & 4110 E

PERRY TOWNSHIP

BEECH GROVE QUAD

Section 4 Township 14 Range 3

BENCHMARK IS: 2" DISK  
STAMPED 5057

Disk is set in the concrete traffic signal pole base in the south east Quadrant of the intersection of Shelbyville Road and Gray Road

Date: August 2003 Circuit was run from MCSO 5018

PERRY TOWNSHIP LOOP #

NAVD '88

ELEVATION **245.527** METERS

5058

BENCHMARK NUMBER: 5058

General coordinates: 5000S & 5100E

PERRY TOWNSHIP

MAYWOOD QUAD

Section 33 Township 15 Range 4

BENCHMARK IS: 2" DISK

Stamped 5058

Disk is set in the Northwest Quadrant of the Intersection of Emerson Avenue and Thompson Road, in the concrete base of the traffic signal pole. Disk is in the southeast corner of the base. Disk is +/- 8 feet west of the west face of curb of Emerson Ave., +/- 22 feet north of the center point of a sewer manhole, +/- 1 foot southwest of the southwest bolt of the traffic signal pole.

Date: September 2003

Circuit was run from MCSO 5017

NAVD '88

ELEVATION **252.799** METERS

5059

BENCHMARK NUMBER: 5059

General coordinates: 6936 S & 1900 E

PERRY TOWNSHIP

MAYWOOD QUAD

Section 7 Township 14 Range 4

BENCHMARK IS: IDOT DISK

STAMPED MAR G-98

Disk is in the southwest walk of the Madison Avenue bridge over Little Buck Creek.

Disk is +/- 200 north of Southport Road, +/- 47 feet south of the centerline of the creek, +/- 3.5 feet west of the west edge of curb.

Date: August 2003 Circuit was run from 5023 (MCSO)

PERRY TOWNSHIP LOOP # 9 no adjustment need for this loop

NAVD '88

ELEVATION 229.410 METERS

5060

BENCHMARK NUMBER: 5060

General coordinates: 7000 S & 1200 W

PERRY TOWNSHIP

MAYWOOD QUAD

Section 10 Township 14 Range 3

BENCHMARK IS: 2" BRASS MCSO DISK

STAMPED MCSO 5060

Disk set in the south west corner of the light pole base in the northwest quadrant of the intersection of Bluff Road and Southport Road. Disk is +/- 58 feet north of the centerline of Southport Road, +/- 27 feet west of the centerline of Bluff Road. Also in the southeast corner of the Kroger store.

Date: September 2003 Circuit was run from MCSO 5013 and closed on MCSO 5033 with a misclosure of 0.006m. This is based on NGS Benchmarks.

PERRY TOWNSHIP LOOP # 7

NAVD '88

ELEVATION **210.242** METERS

5061

BENCHMARK NUMBER: 5061

General coordinates: 7200 S & 1200 W

PERRY TOWNSHIP

MAYWOOD QUAD

Section 15 Township 14 Range 3

BENCHMARK IS: IDOT DISK NOT STAMPED

Disk found at the first stream crossing on Bluff Road south of Southport Road, disk is +/- 27 feet west of the centerline of Bluff Road +/- 6.5 feet south of the centerline of the box culvert, +/- 0.4 feet above the road surface.

Date: September 2003 Circuit was run from MCSO 5013 and closed on MCSO 5033 with a misclosure of 0.006m. This is based on NGS Benchmarks.

PERRY TOWNSHIP LOOP # 7

NAVD '88

ELEVATION **210.451** METERS

5062

BENCHMARK NUMBER:

General coordinates: 1550 S & 7500 W

PERRY TOWNSHIP

MAYWOOD QUAD

Section 15 Township 14 Range 3

BENCHMARK IS: IDOT DISK  
NOT STAMPED

Disk found at the first stream crossing north of the intersection of Bluff Road and Harding Street +/- 24 feet

west of the centerline of Bluff Road, +/- 9 feet south of the centerline of the box culvert, +/- 0.9 feet above the surface of Bluff Road.

Date: September 2003 Circuit was run from MCSO 5013 and closed on MCSO 5033 with a misclosure of 0.006m. This is based on NGS Benchmarks.

PERRY TOWNSHIP LOOP # 7

NAVD '88

ELEVATION 210.279 METERS

5063

SEE ALSO FRANKLIN 3070

BENCHMARK NUMBER: 5063

General coordinates: 6231S & 6000E

FRANKLIN TOWNSHIP

BEECH GROVE QUAD

Section 11 Township 14 Range 4

BENCHMARK IS: 4inch MCSO BRASS Disk  
STAMPED 5063

Disk set at the Franklin Township Fire Station # 53 in a concrete post with form. Disk is on the north side of the south entrance to the visitor parking area. Disk is +/- 48 feet east of the centerline of Arlington Avenue, +/- 6 feet, west of the west face of the side walk, +/- 3 feet north of the north edge of pavement of the south entrance.

Date: Circuit was run from

PERRY TOWNSHIP LOOP #

NAVD '88

ELEVATION **NOT RAN YET** METERS

5064

BENCHMARK NUMBER: 5064

General coordinates: 4646 S & 2300 E

PERRY TOWNSHIP

BEECH GROVE QUAD

Section 32 Township 15 Range 4

BENCHMARK IS: INDOT DISK FOUND NOT STAMPED

The INDOT Disk found in the northeast wing wall of the Keystone Avenue Bridge over Lowman Creek. This is the first bridge north of Thompson Road,  $\pm$  34 feet east of the centerline of Keystone Avenue,  $\pm$  10 feet north of the centerline of the creek,  $\pm$  150 feet south of ENDSLEY Drive,  $\pm$  1.5 feet below the sidewalk surface.

Date: August 2003 Circuit was run from MCSO 5042

PERRY TOWNSHIP LOOP #10

NAVD '88

ELEVATION **227.659** METERS

5065

BENCHMARK NUMBER: 5065

General coordinates: 4300 S& 2300E

PERRY TOWNSHIP

BEECH GROVE QUAD

Section 32 Township 15 Range 4

BENCHMARK IS: IDOT DISK NOT STAMPED

Disk Found set in the top of the east hand rail at the north end of the Keystone Avenue Bridge over McFarland Creek This is the third creek crossing north of Thompson Road, The first crossing north of I-456 over pass. Disk is  $\pm$  300 feet south of Lawrence Avenue.  $\pm$  79 feet North of the centerline of the creek,  $\pm$  39 feet east of the centerline of Keystone Avenue,  $\pm$  3 feet above the sidewalk surface.

Date: Circuit was run from

PERRY TOWNSHIP LOOP #

NAVD '88

ELEVATION **227.759**METERS

5066

BENCHMARK NUMBER: 5066

General coordinates: 3500 S& 2300 E

PERRY TOWNSHIP

BEECH GROVE QUAD

Section 29 Township 15 Range 4

BENCHMARK IS: 4" MCSO DISK

STAMPED 5066

Disk set in the southeast base pad around Interstate light pole #138-670-A of I-65 and Keystone Avenue. Pole base is +/- 120 feet north of the entrance ramp to I-65 south bound, +/- 53 feet east of the east face of curb of Keystone Avenue, +/- 41 feet south of the handrail of the I-65 bridge over Keystone Avenue, +/- 2.5 feet southeast of the access panel on said pole.

Date: Circuit was run from

PERRY TOWNSHIP LOOP #

NAVD '88

ELEVATION **234.772** METERS

5067

BENCHMARK NUMBER: 5067

General coordinates: 4050 S & 2400E

PERRY TOWNSHIP

BEECH GROVE QUAD

Section 32 Township 15 Range 4

BENCHMARK IS: 4" MCSO Disk

Set in the Northeast corner of the traffic signal pole base, at the northeast quadrant of the Intersection of Carson Avenue and Keystone Avenue, +/- 18.5 feet north of the face of curb of Carson Avenue , +/- 10.3 feet East of the face of curb of Keystone Avenue.



Date: Circuit was run from

PERRY TOWNSHIP LOOP #

NAVD '88

ELEVATION **233.381** METERS

5068

BENCHMARK NUMBER: 5068

General coordinates: 7500S & 1500W

PERRY TOWNSHIP

MAYWOOD QUAD

Section 15 Township 14 Range 3

BENCHMARK IS: HARRISON MARKER

CENTER OF ABOVE SECTION.

Harrison is +\ - 76 feet north west of fire hydrant, +\ - 41.5 feet southeast of power pole #55-752, +\ - 2.6 feet southwest of a cut "x" in the curb. See also the tie sheet for this point.

Date: September 2003 Circuit was run from MCSO 5013 and closed on MCSO 5033 with a misclosure of 0.006m. This is based on NGS Benchmarks.

PERRY TOWNSHIP LOOP # 7

NAVD '88

ELEVATION **211.239** METERS

5069

BENCHMARK NUMBER: 5069

General coordinates: 7000S & 0000E

PERRY TOWNSHIP

MAYWOOD QUAD

Section 13 Township 14 Range 3

BENCHMARK IS: 4" MCSO DISK

Stamped 5069

Disk is set in concrete base of the traffic signal light pole base, in the southeast quadrant of the intersection of Southport Road and Meridian Street (St.Rd. 135) Disk is set in the southwest corner of the light pole base. Disk is +/- 13.5 feet east of the east face of curb of Meridian Street, +/- 58 feet south of the centerline(yellow strip) of Southport Road,+/- 1.1 feet southwest of the face of the pole.

Date: Circuit was run from

PERRY TOWNSHIP LOOP #

NAVD '88

ELEVATION **NOT RAN YET** METERS

5070

BENCHMARK NUMBER: 5070

General coordinates: 7800S & 0000 E

PERRY TOWNSHIP

MAYWOOD QUAD

Section 13 Township 14 Range 3

BENCHMARK IS: 2" DISK

Stamped MCSO 5070

Disk is set in the southwest corner of the concrete base for the traffic signal pole. Pole is in the Northeast Quadrant of the intersection of Stop 11 Road and Meridian Street (ST. RD. 135). Disk is +/- 41 feet north of the centerline of Stop 11 Road,+/- 15 feet east of the east face of curb of Meridian Street.+/- 10 feet southeast of the concrete corner of the traffic signal control box,+/- 1.2 feet southwest of the face of the traffic pole.

Date: Circuit was run from

PERRY TOWNSHIP LOOP #

NAVD '88

ELEVATION **NOT RAN YET** METERS

5071

BENCHMARK NUMBER:

General coordinates: 8000S & 0000E

PERRY TOWNSHIP

MAYWOOD QUAD

Section 13 Township 14 Range 3

BENCHMARK IS: 2" DISK

Stamped MCSO 5071

Disk set in the southwest corner of the concrete base for of the traffic signal light pole. Signal pole is in the northeast quadrant of the intersection of Meridian School Road and Meridian Street (St. Rd. 135).

Disk is +/- 52 feet east of the centerline of Meridian Street, +/- 46 feet north of the centerline of

Meridian School Road, +/- 1.2 feet southwest of the face of the pole.

Date: Circuit was run from

PERRY TOWNSHIP LOOP #

NAVD '88

ELEVATION **NOT RAN YET** METERS

5072

BENCHMARK NUMBER: 5072

General coordinates: 8250S & 0000E

PERRY TOWNSHIP

MAYWOOD QUAD

Section 23 Township 14 Range 3

BENCHMARK IS: 2" DISK

Stamped MCSO 5072

Disk is set in the northeast corner of the overhead sign base in the front yard of the Friendens United Church of Christ. +/- 106 feet south of the centerline of Hill Valley Drive at wooden sign, +/- 46 feet west of the centerline of Meridian Street (St, Rd. 135), +/- 86 feet north of the east most corner of the brick sign for the church, +/- 1.2 feet northeast of the face of the pole.

Date: Circuit was run from

PERRY TOWNSHIP LOOP #

NAVD '88

ELEVATION **NOT RAN YET** METERS

5073

BENCHMARK NUMBER: 5073

General coordinates: 9000S & 0000E

PERRY TOWNSHIP

MAYWOOD QUAD

Section 23 Township 14 Range 3

BENCHMARK IS: 4" MCSO DISK

Stamped 5073

Disk is set in the northeast corner of the traffic signal pole base. The disk is in the Northwest quadrant of the intersection of Meridian Street (ST. RD. 135) and South Marion County Line Road, +\ -18 feet west of the west face of curb on Meridian Street, +\ - 26 feet north of the north face of curb of County Line Road, +\ - 1.2 feet northeast of pole face, +\ - 14 feet northwest of fire hydrant.

Date: Circuit was run from

PERRY TOWNSHIP LOOP #

NAVD '88

ELEVATION **NOT RAN YET** METERS

5074

BENCHMARK NUMBER: 5074  
General coordinates: 7500S & 2100E  
PERRY TOWNSHIP

BEECH GROVE QUAD

Section 18 Township 14 Range 4

BENCHMARK IS: 2" DISK

Stamped 5074

Disk set in the west side of concrete traffic signal pole base. Pole is in the southeast quadrant of Madison Ave. and Stop 11 Road. Disk is +/- 11 feet east of the east face of curb of Madison Ave., +/- 29 feet south of the centerline of stop 11 Road, +/- feet Northeast of the top nut of fire hydrant.

Date: Circuit was run from

PERRY TOWNSHIP LOOP #

NAVD '88

ELEVATION **NOT RAN YET** METERS

5075

BENCHMARK NUMBER: 5075  
General coordinates: 8000S & 2300E  
PERRY TOWNSHIP

BEECH GROVE QUAD

Section 18 Township 14 Range 4

BENCHMARK IS: 2" DISK

Stamped MCSO 5075

Disk set in the southwest corner of the concrete base of the traffic signal pole base in the Northeast Quadrant of Stop 11 Road and Madison Avenue. Disk is +/- 9 feet north of the back of curb of the intersection, +/- 11.5 feet from the northeast cor of curb inlet at back of curb, +/- 7.5 feet west of the r/w marker, +/- 4 feet above the street level.

Date: Circuit was run from

PERRY TOWNSHIP LOOP #

NAVD '88

ELEVATION **NOT RAN YET** METERS

5076

BENCHMARK NUMBER: 5076  
General coordinates: 8500S & 2400E  
PERRY TOWNSHIP

BEECH GROVE QUAD

Section 20 Township 14 Range 4

BENCHMARK IS: 2" DISK

Stamped MCSO 5076

Disk is set in the west side of the concrete base for the traffic signal pole base in the southeast quadrant of Stop 12 Road and Madison Avenue. Disk is +/- 14.5 feet east of the east face of curb of Madison Avenue, +/- 29.5 feet south of the centerline of Stop 12 Road, +/- 1.0 foot west of the west face of the traffic signal pole.

Date: Circuit was run from

PERRY TOWNSHIP LOOP #

NAVD '88

ELEVATION **NOT RAN YET** METERS

5077

BENCHMARK NUMBER: 5077

General coordinates: 9000S & 2900E

PERRY TOWNSHIP

BEECH GROVE QUAD

Section 20 Township 14 Range 4

BENCHMARK IS: 4" MCSO DISK

Disk stamped 5077

Disk is set in the top of the southeast wing wall of the south county line road bridge over Pleasant Run creek.

Disk is +\ -300 feet east of Madison Avenue, +\ -29 feet west of the centerline of the creek, +\ - 65 feet northeast of fire hydrant, +\ - 8 feet south of the centerline of the south county line road, +\ -2.7 feet north of the south end of the wing wall, +\ - 1.6 feet south of the south face of the bridge.

Date: Circuit was run from

PERRY TOWNSHIP LOOP #

NAVD '88

ELEVATION **NOT RAN YET** METERS

5078

BENCHMARK NUMBER:

General coordinates: 9000S & 2900E

PERRY TOWNSHIP

BEECH GROVE QUAD

Section 20 Township 14 Range 4

BENCHMARK IS: INDOT DISK stamped 2 (is sideways in the elevation box)

INDOT Disk set in the top of the Southeast wing wall of the South County Line Road North Johnson County over Pleasant Run.

Disk is 6.4 feet south of the south face of curb, 44 feet east of the centerline of the creek, +\ - 350 feet east of Madison Ave.

Date: Circuit was run from

PERRY TOWNSHIP LOOP #

NAVD '88

ELEVATION **NOT RAN YET** METERS

5080

BENCHMARK NUMBER:

General coordinates: 9000S & 5100E

PERRY TOWNSHIP

MAYWOOD QUAD

Section 21 Township 14 Range 4

BENCHMARK IS: 4" MCSO DISK

Stamped 5080

Disk is set in the south most corner of the concrete traffic signal pole base in the northwest quadrant of the intersection of South Marion County Line Road and Emerson Ave. +\ -28 feet North of the North face of curb of South Marion County Line Road, +\ -18.5 feet west of the face of curb of Emerson Ave., +\ - 1.2 south of the south face of the traffic signal pole.



Date: Circuit was run from

PERRY TOWNSHIP LOOP #

NAVD '88

ELEVATION **NOT RAN YET** METERS

5081

BENCHMARK NUMBER: 5081

General coordinates: 7520 S & 0000 E

PERRY TOWNSHIP

MAYWOOD QUAD

Section 13 Township 14 Range 3

BENCHMARK IS: 4" MCSO DISK

Stamped 5081.

Disk set in the southwest corner of the Perry Township Fire Station #2 property. Set flush with ground in an 8 inch concrete post with form sleeve. Disk set in the Northeast quadrant of Griffen and Meridian Street.

Disk set +\ - 57 feet north of the centerline of Griffen, +\ - 48 feet southwest of the southwest corner of the brick fire station, +\ - 23.5 feet east of the east face of curb of Meridian Street.

Date: Circuit was run from

PERRY TOWNSHIP LOOP #

NAVD '88

ELEVATION NOT RAN YET METERS

5082

BENCHMARK NUMBER: 5082

General coordinates: 9000 S & 3800 E

PERRY TOWNSHIP

BEECH GROVE QUAD

Section 21 Township 14 Range 4

BENCHMARK IS: 4" MCSO DISK

STAMPED 5082

Disk is set in an 8 inch. Concrete poured post with form tube at the Southwest corner of Smock Golf Course's asphalt parking lot, atop of the earthen berm flush with the ground. Disk is set due north of Johnson County Address of #243 a two story brick duplex. Disk is set on the north side of South Marion County line road, +/- 42.5 feet north of the face of curb of County line Road, +/- 35 feet north west of power pole #68-822--, +/- 23 feet southeast of the southwest corner of the asphalt parking lot, +/- 13 feet due south of the edge of the parking lot.

Date: Circuit was run from

PERRY TOWNSHIP LOOP #

NAVD '88

ELEVATION NOT RAN YET METERS